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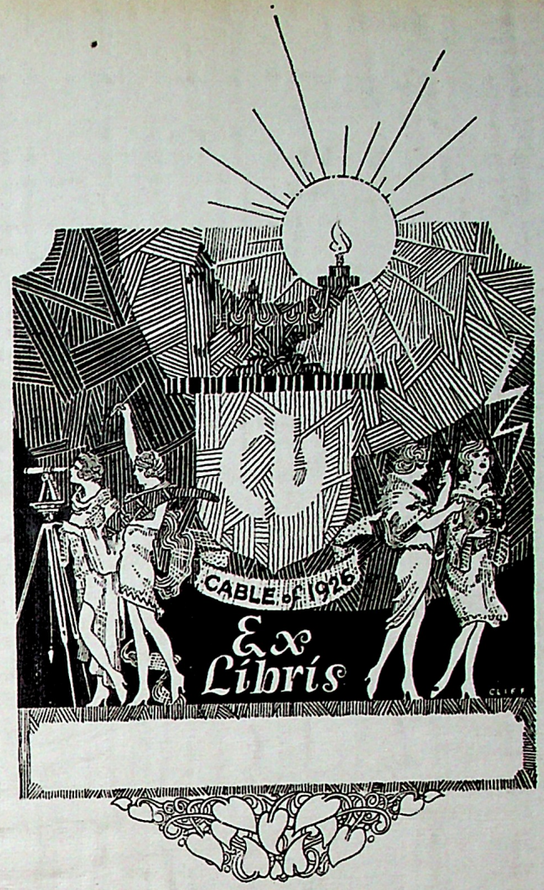

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"The heights by great men reached and kept
Were not attained by sudden flight,
But they, while their companions slept,
Were toiling upwards in the night."
Longfellow.

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FRANK G. COSMEN
Editor-in-Chief

JOHN J. GEMMELLI
Business Manager

The CABLE

1926

The Year Book Of Cooper Union

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FOREWORD

SO that our life at Cooper may never slip into the forgetable past, we write this book.

To recall the friendships of those fleeting years—to imbue us with a spirit of fraternity for our classmates and our professors—and though we may have advanced in years, to see it all as it was.

If this book is instrumental in keeping alive these memories, then we shall feel that our efforts have not been in vain.

The Juniors.

334903

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The 1926 CABLE

FREDERICK E. FOSS
A. M., Sc. D.

To

FREDERICK E. FOSS
A. M., Sc. D.

GENTLEMAN
SCIENTIST
PHILOSOPHER
EDUCATOR

THIS CABLE
IS
RESPECTFULLY DEDICATED

CABLE

The 1926 Cable

FRANK G. COSMEN
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NINETEEN HUNDRED and TWENTY SIX

The 1926 Cable

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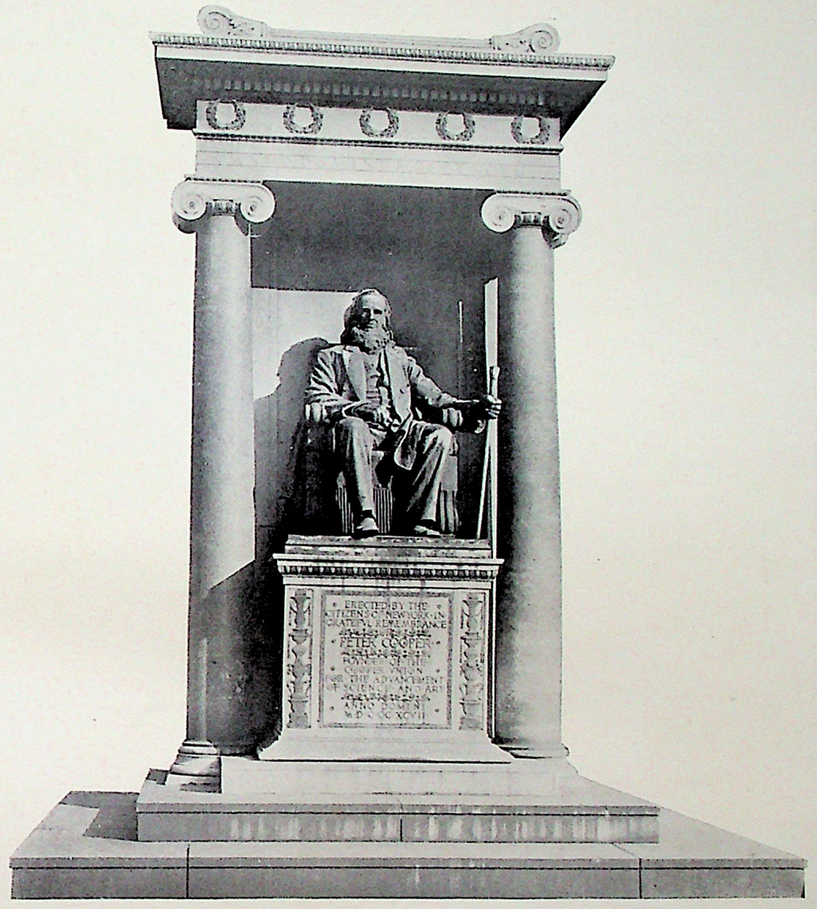
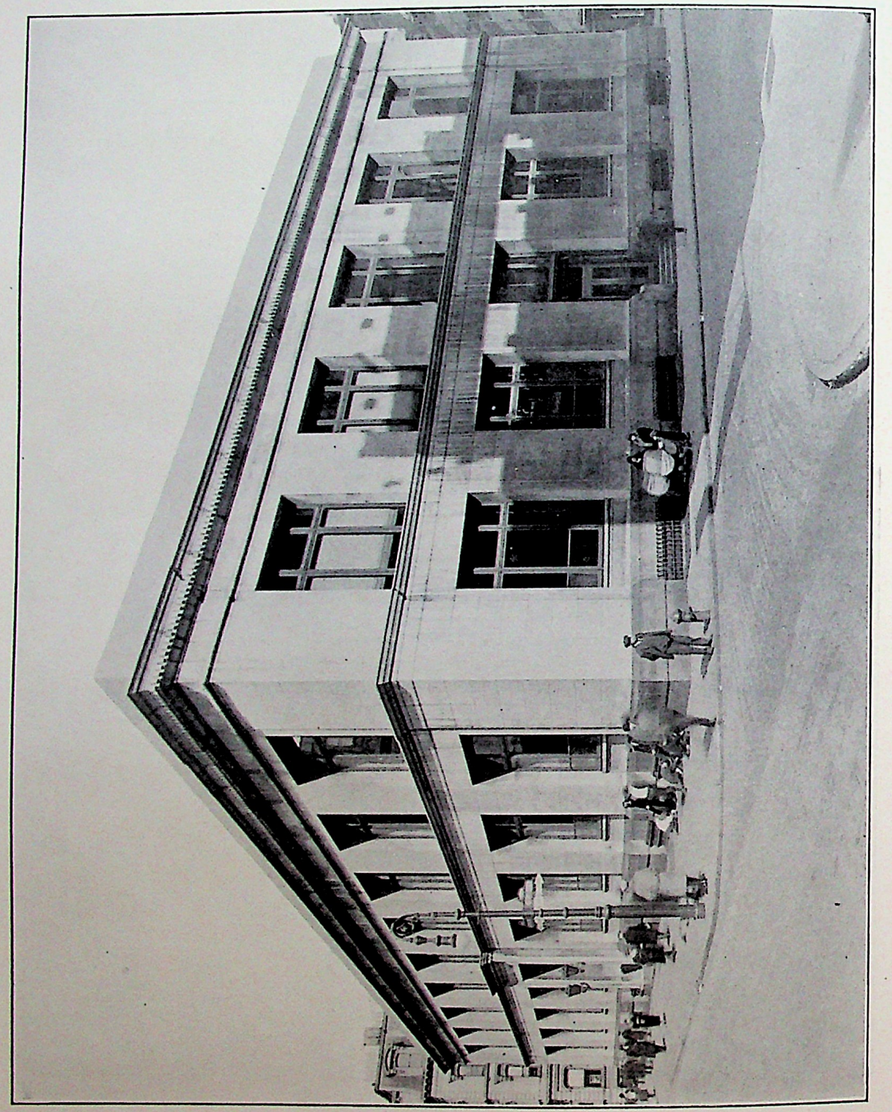
The SCHOOL



Erected by the citizens of New York in grateful remembrance of PETER COOPER, founder of the COOPER UNION, for the advancement of science and art. Born —February 12, 1791. Died— April 3, 1883.

THE FOUNDATION BUILDING
FROM ASTOR PLACE

THE FOUNDATION BUILDING
FROM COOPER SQUARE



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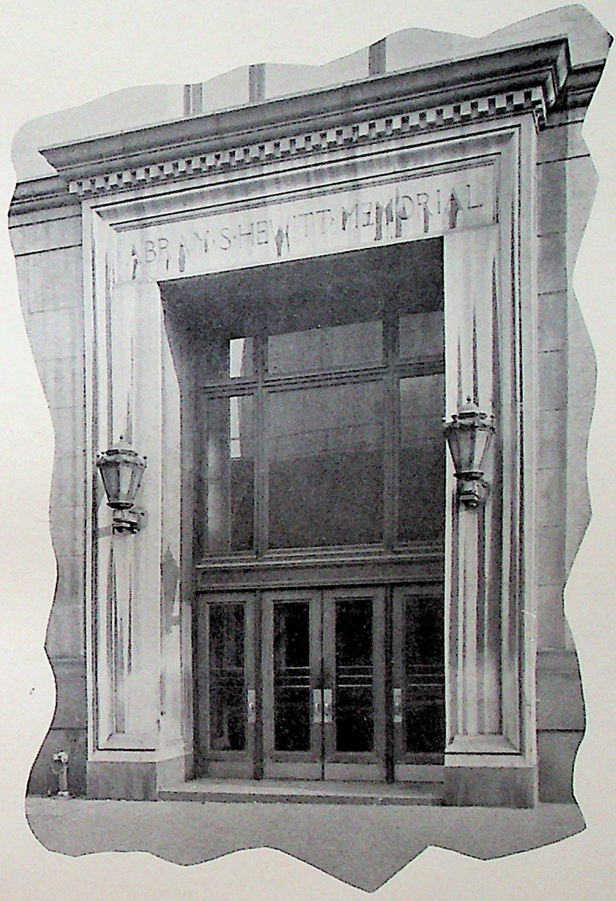

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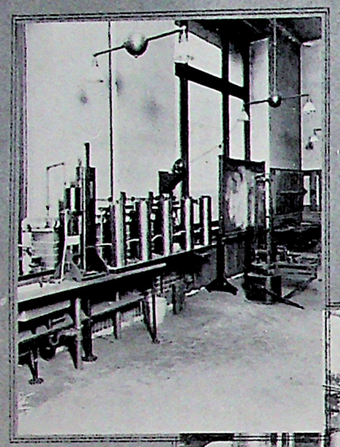

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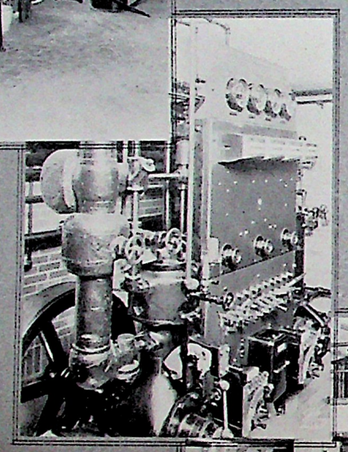

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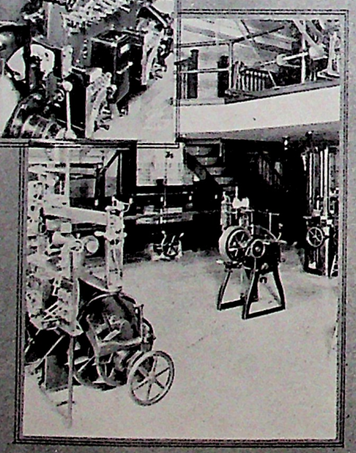

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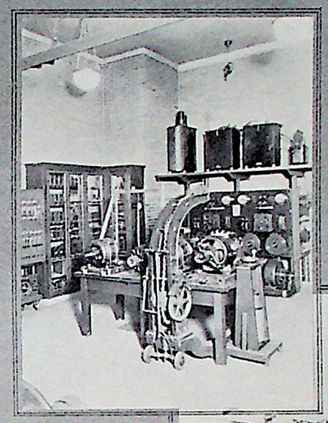

D.C. MACHINERY
LAB.

ELECTRO-CHEM.
LAB.

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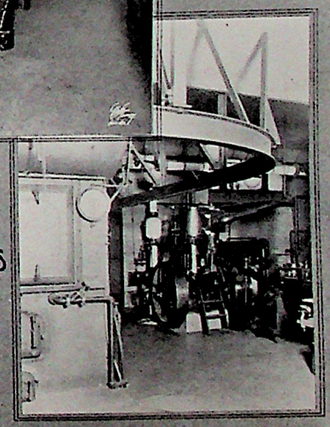

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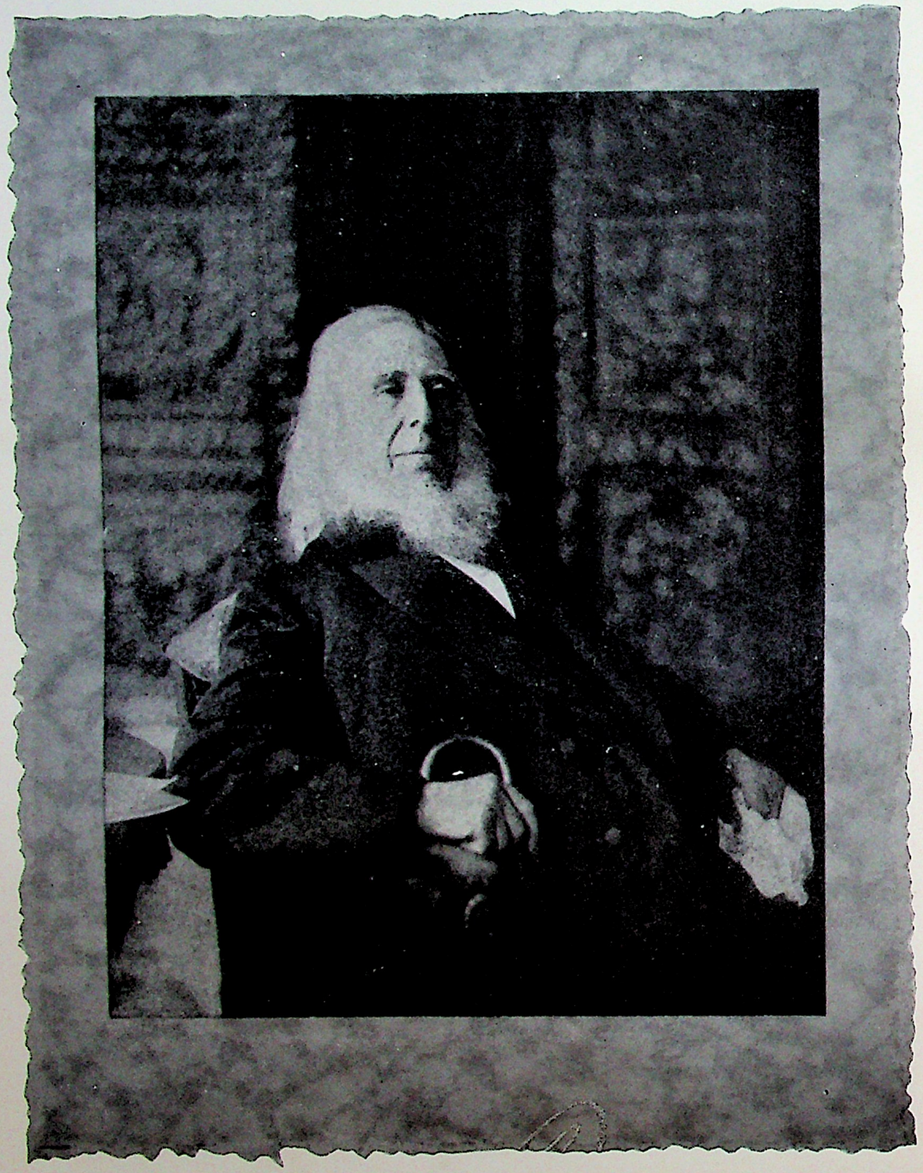

Cooper Union Library

Peter Cooper

COOPER UNION may be justly proud of its illustrious founder, Peter Cooper. And in turn, perhaps no other institution of learning has realized its founder's ideals to so great an extent as Cooper Union.

Peter Cooper was born on February 12, 1791, at Little Dock (now Water) Street, New York. The New York, of then, was but a straggling unkempt town.

Being the fifth son of a hatter, with limited means, the boy Peter had very little schooling. His classroom was his father's hat-making shop, in which he assisted as well as he could. What schooling he did get later was in a small primitive schoolhouse near Peekskill, N. Y. It was this very lack of early advantages that made him resolve to help the struggling youth of future generations.

When but seventeen years of age he was apprenticed to a coach builder, and showed his inventive genius in one of his very first inventions which was a machine for mortising hubs. Leaving the carriage maker's shop he became a mechanic in a shop for making cloth-shearing machines. Always striving to better himself, he in turn became a grocer, then a manufacturer of glue, and even a brewer at one time.

Peter Cooper's real beginning of wealth was made in his entry into the manufacture of glue and isinglass. At the age of thirty-three he purchased a glue factory and being a business man of marked ability he speedily gained control and held for half a century the entire trade of the country in glue and isinglass.

Turning his mind toward the iron industry, Cooper became the owner of an iron foundry and later a steel rolling mill. America owes to him the development of the fabricated rolled steel sections used today. For his services for placing the American iron and steel industry on a scientific basis, the Iron and Steel Institute of Great Britain, in 1879, conferred upon him the "Bessemer Gold Medal." Peter Cooper in addition has the distinction of building the first locomotive in America, the original being now in the possession of the Baltimore and Ohio Railroad Company.

Being closely associated with Cyrus W. Field, Cooper was instrumental in the successful laying of the first Atlantic cable, giving freely of his moral and financial assistance. The persevering character of the man is plainly indicated, in that although attempt after attempt to lay the cable failed, he still gave his wholehearted support to the project until it was successfully completed. It was a feat the whole world had doubted.

It is for this reason that our annual is titled "The Cable", in honor of the man, who made trans-Atlantic communication possible.

During all these years Cooper harvested wealth, not as a miser, but as a necessary means toward materializing his youthful dreams. His aim was the founding of an institution, where ambitious young men and women could obtain the education that was denied them previously.

Working along these lines, he purchased lot by lot, the site on which Cooper Union now stands. In 1856, when Peter Cooper was over sixty years of age, the cornerstone of what is now known as the Foundation Building was laid.

The entire design and erection was carried out under his personal di-

rection. It was the first thoroughly ferro-concrete building in America. An instance of his forethought was the provision of a shaft for "some means of ascending and descending mechanically." Today this is answered by the "Elevator".

The "Great Hall" seating nearly 2,000 persons, built in the basement for panic proof purposes, was at that time the largest meeting place in New York. It was here in February, 1860, that Abraham Lincoln made his famous "Cooper Union Address", which carried New York and gave him the nomination for presidency.

In 1859, Peter Cooper finally opened the doors of "Cooper Union for the advancement of Science and Art." It was not until 1869 however, that a full five-year course in General Science was established. This was done under the direction of Prof. George W. Plympton, Cooper Union's first Educational Director.

The faculties of the institution in years to follow and their deeds would be a volume by itself, but mention must be made of these three great men: Robert Spice can be credited with developing the Department of Chemistry; William A. Anthony, creator of the Department of Physics, the forerunner of the Department of Electrical Engineering, and George Plympton, whose every effort was for the advancement of Cooper Union.

The courses originally planned by Peter Cooper have been expanded and improved to keep pace with the rapid increase in knowledge and its application to the arts and engineering, so that to-day the scope of the curriculum of the Schools of Science and Engineering is on a par with the best the country can offer, while the Fine Arts are unexcelled in their respective fields.

This history of Peter Cooper is necessarily brief. Leading a varied life as he did, an exhaustive account would require a volume. It may occur to one that "Cooper Union" has been dwelt too much upon, and that important events in the life of the founder may have been overlooked.

But then, can a history of the life of Peter Cooper be complete without mention of Cooper Union? For Peter Cooper and Cooper Union are almost synonymous. He breathed and lived Cooper Union!

Great men have had great monuments erected to them by an appreciative people, but few of these compare with the monument which the hearts of the countless men and women to whom his generosity has been a blessing, have reared in his name.

On April 4, 1883, his life work completed, Peter Cooper, then ninety-two years of age, died. And New York paid its tribute to the memory of the great man who had gone.

His last breath was "Another Hundred Thousand." And his kin knew it was another bequest for Cooper Union's endowment fund.

What more can be said of Peter Cooper, the man, than that his was a life dedicated to the cause of humanity; truly he was a philanthropist.

"But the great shall never perish."

Cooper Union

for the

Advancement of Science and Art

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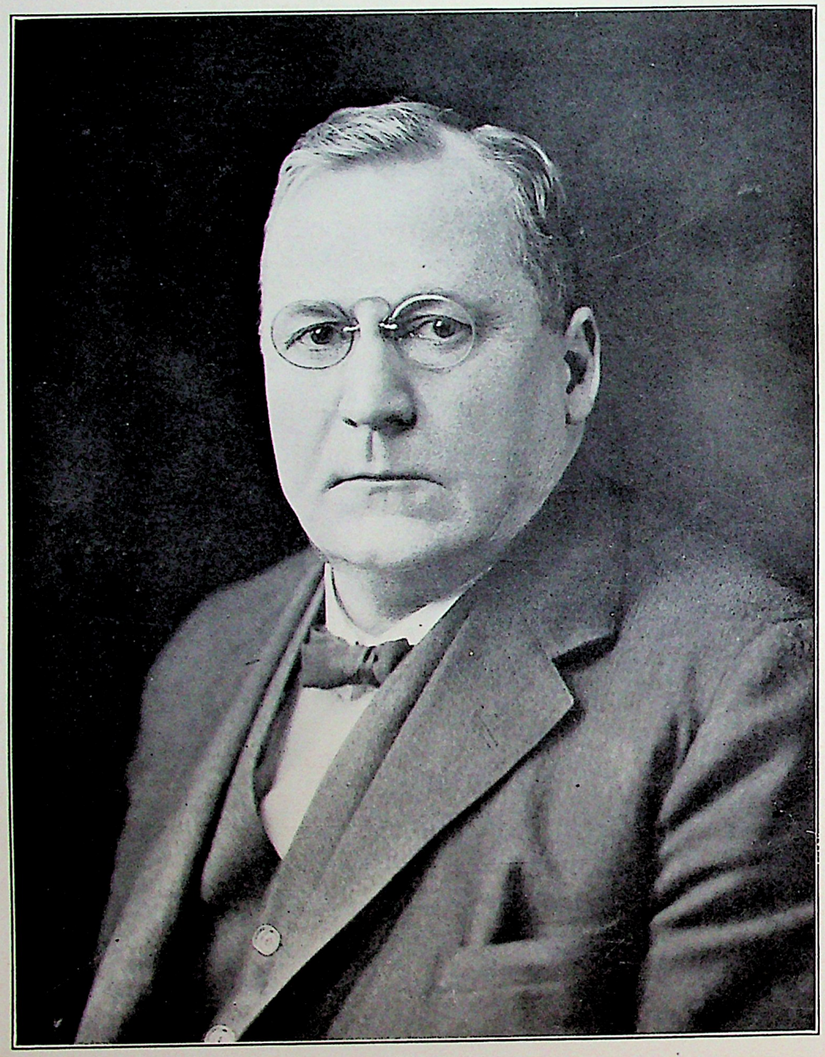

Francis M. Hartmann

Dean of the Schools of Science and Engineering
and Professor of Electrical Engineering

B. S. (Five Year Course in General Science), Cooper Union, 1895; graduate (Course in Chemistry), Cooper Union, 1898; post-graduate work in physics under Professor Anthony, 1898-1899; E. E., Cooper Union, 1903; post-graduate work in mathematics, New York University, 1902-1903.

Fellow: American Institute of Electrical Engineers; American Association for the Advancement of Science. Member: American Society of Mechanical Engineers; American Physical Society; American Mathematical Society; Society for the Promotion of Engineering Education.

Engineering Department, Public Improvements, N. Y. C., 1894-1901; consulting work on Power, 1904, and on Transformer Iron, 1907.

Author: Elementary Mechanics for Engineering Students; Heat & Thermodynamics; Alternating Currents and Electrical Transmission; Contributions to Electrical Review; Biographical Sketch of George W. Plympton.

Appointed:
Instructor of Physics, Cooper Union Night School in 1899.
Instructor of Physics and Electrical Engineering in Day and Night Schools in 1901.
Assistant Professor of Physics and Electrical Engineering in 1905.
Professor of Physics and Electrical Engineering in 1906.

In charge of the combined departments of Electrical and Mechanical Engineering from 1907 to 1925, when the department of Mechanical Engineering was separately organized.

Since October, 1921, Dean of the Schools of Science and Engineering.

Department of Chemical Engineering

Professor

HORACE G. BYERS, A. M., Ph. D.

Phi Lambda Upsilon; Alpha Chi Sigma; Sigma Xi; A. B., B. S., Westminster College, 1895; A. M., Westminster College, 1898; Ph. D., Johns Hopkins University, 1899; fellow American Association for the Advancement of Science; American Institute of Chemists; member American Chemical Society; Captain Chemical Warfare Service; Lieut.-Col. U. S. R. Chemical Warfare Series.

Assistant Professor

HENRY C. ENDERS, A. M., Ch. E.

B. C., Cooper Union, 1906; A. M., Columbia University, 1920; Ch. E., Cooper Union, 1922; Past President of Cooper Union Chemical Society; Past President of Cooper Union Alumni Association; member American Chemical Society, Chemists Club; fellow American Association for the Advancement of Science; American Geographical Society.

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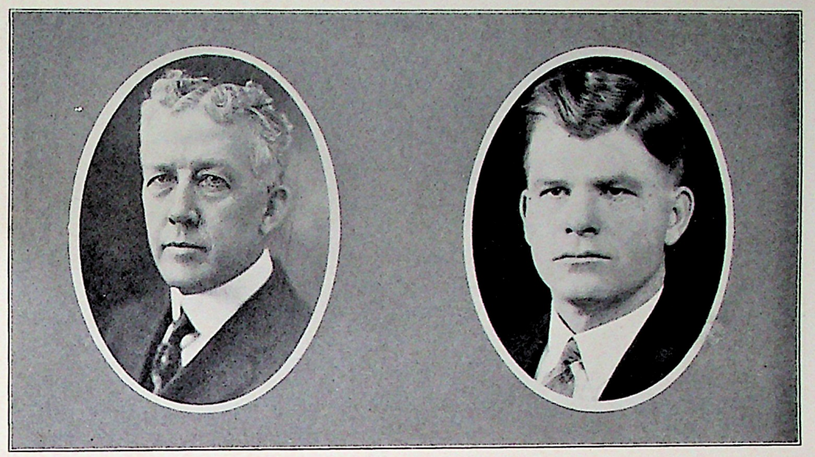
HENRY J. GOLLE, Lab. Asst.
CHRISTIAN WEAVER, B. C.
D. R. WIGGAM, B. S. in Ch. E.
FRANCIS P. CAREY, B. S.
L. M. KEBRICH, Lect. Asst.
EDWARD CANNON, Chem. Asst.



Department of Civil Engineering

Professor

FREDERICK E. FOSS, A. M., Sc. D.

Phi Beta Kappa; A. B., Bates College, 1883; A. M., Bates College. 1886; B. S., Massachusetts Institute of Technology, 1886; Sc. D., Bates College, 1908; member of American Society of Civil Engineers, American Railway Engineering Association, American Society for Testing Materials, Society for the Promotion of Engineering Education.

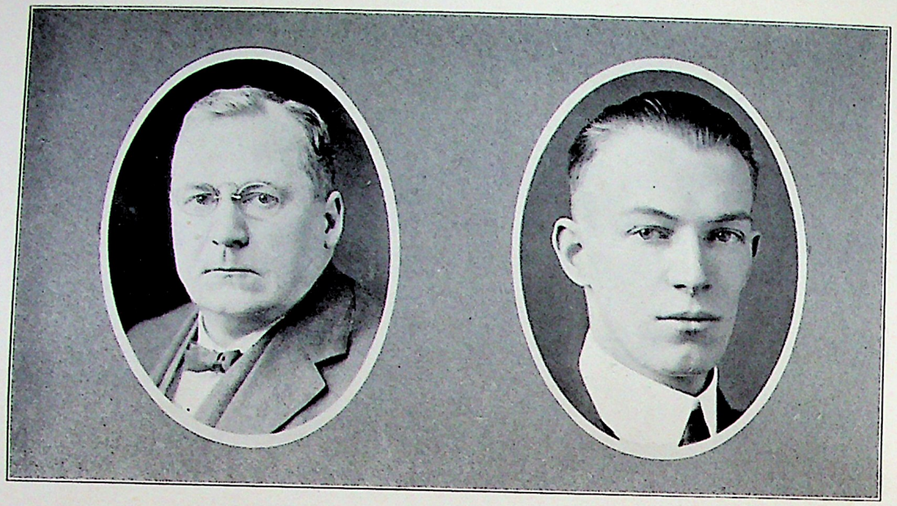
Assistant Professor

RAY C. BRUMFIELD, B. S.

Tau Beta Phi; B. S., Purdue University, 1912; member of American Society for Testing Materials, Engineering Division of National Research Council, Committee on Hardness Testing.

Instructors

GILBERT MORRISON, B. S., C. E.
HENRY R. CODWISE, B. S., C. E.
J. P. WILLIAMS, B. S., M. S., C. E.
WILLIAM E. BROWN, B. S.
M. H. VAN BUREN, B. S., C. E.



Department of Electrical Engineering

Professor

FRANCIS M. HARTMANN, B. S., E. E.

B. S. (Scientific Course), Cooper Union, 1895; graduate (Chemistry), Cooper Union, 1898; E. E., Cooper Union, 1903.

Assistant Professor

NORMAN L. TOWLE, B. S., E. E.

Tau Beta Pi; Sigma Xi; Sigma Alpha Epsilon; B. S. in Electrical Engineering, 1917; E. E. 1920, Worcester Polytechnic Institute; Graduate study and research, Westinghouse Electric and Mfg. Co., 1917-1918; Engineer, Westinghouse Electric and Mfg. Co., 1918-1919; Iowa State College, 1919-1920; in charge of Electrical Iaboratories, Cooper Union; member American Institute Electrical Engineers.

Instructors

ALBERT GOERTZ, B. S., C. E.
HENRY SCHERIL, B. S., E. E.
RICHARD F. DEIMEL, B. S., A. M.
A. F. HAMDI, E. E., A. M.
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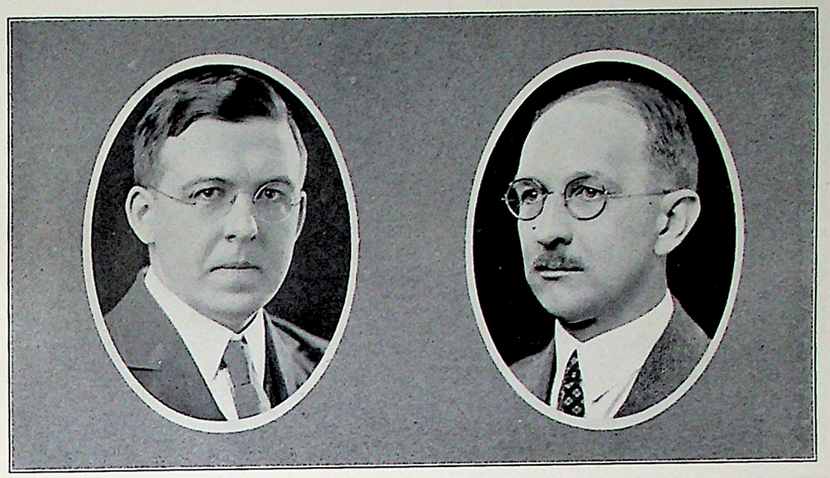
T. F. PETERSON, B. S., E. E.
OLDRICH MASIN, B. S.



Department of Mechanical Engineering

Professor

GEORGE F. BATEMAN, B. E., M. E.

B. E., Cooper Union, Institute of Technology, 1907; 1907-1917 practicing Mechanical Engineering; Instructor in U. S. Navy Gas Engine School, N. Y. C., 1917; Lieutenant in U. S. Naval Reserve, 1918; contributed to the organization of the U. S. Navy Steam Engineering School, Hoboken, N. J.; Head of the Propulsion Machinery Department; Assistant Professor in Mechanical Engineering at Cooper Union until 1925; member American Society of Mechanical Engineers; fellow of the American Association for the Advancement of Science.

Instructors

H. P. NIELSEN, B. S., M. M. E.
LOUIS ORTNER, M. E.
W. O. ENTENMANN, B. S.
J. R. LEO, Lab. Asst.

Department of Machine Design

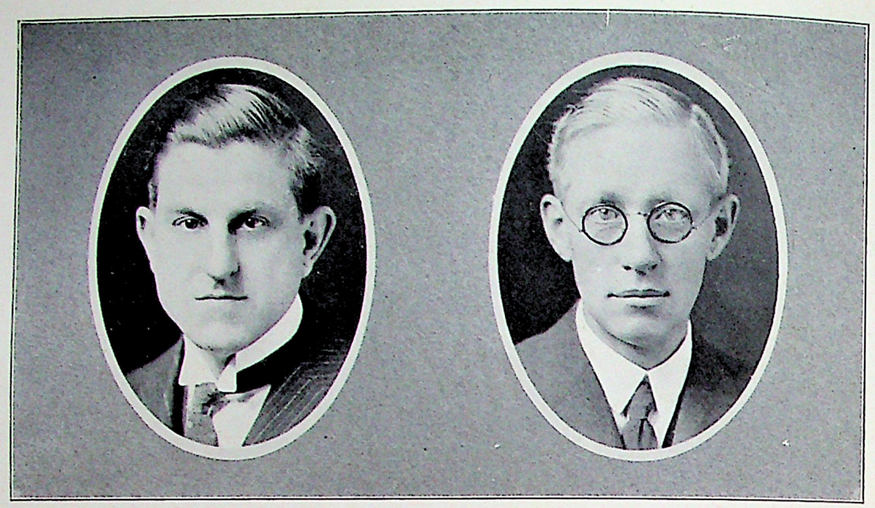
Professor

CARL ROSSMASSLER, B. S.

B. S., Massachusetts Institute of Technology, 1901; member American Society of Mechanical Engineers, Society of Automotive Engineers, Engineers Club of Philadelphia.

Instructors

WILLIAM C. BROADGATE
OTTO G. PULLER, B. S.
JOHN W. LANGGUTH, B. S.
A. E. LOBECK



Department of Mathematics

Professor

H. W. REDDICK, A. M., Ph. D.

Phi Kappa Psi; Sigma Xi; A. B. Indiana University, 1904; A. M., University of Illinois, 1906; Ph. D., Columbia University, 1910; member American Mathematical Society, Mathematical Association of America.

Assistant Professor

WILLIAM J. PICKETT, B. S.

B. S. Teachers College, Columbia University, 1909; member of Mathematical Association of America.

Instructors

DONALD C. MACLEAN, A. B.
E. G. TAPLIN, B. S., A. M.
ALBERT E. LOBECK, B. S.
S. B. SHERIDAN, B. E.
JOSEPH J. TANZOLA, A. B., A. M.
PATRICK QUILTY, B. S., C. E.
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M. HELENA ZACHOS

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E. J. ALLEN, B. A., M. A.

Psychology

CARL C. BRIGHAM, Ph. D.
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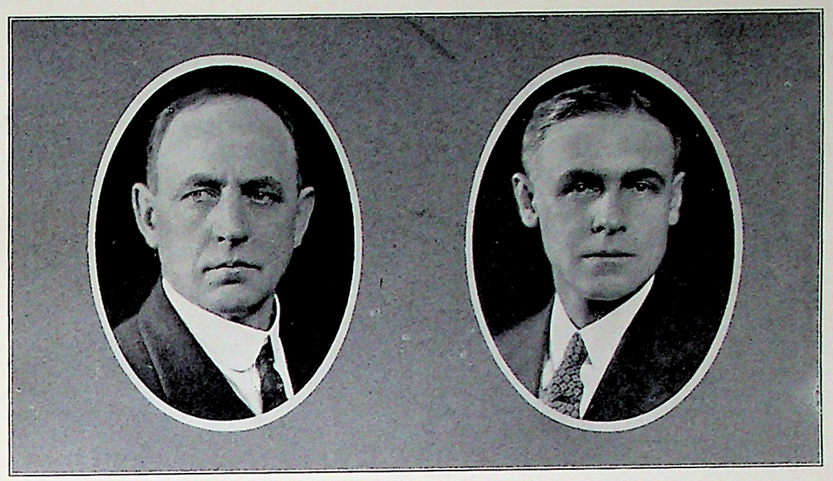


Department of Physics

Professor

ALBERT BALL, A. B.

Sigma Psi; A. B., Cornell University, 1901; member, American Association for the Advancement of Science; Society for the Promotion of Engineering Education; associate member, American Institute of Electrical Engineers; In charge of Department of and Professor of Physics in 1912.

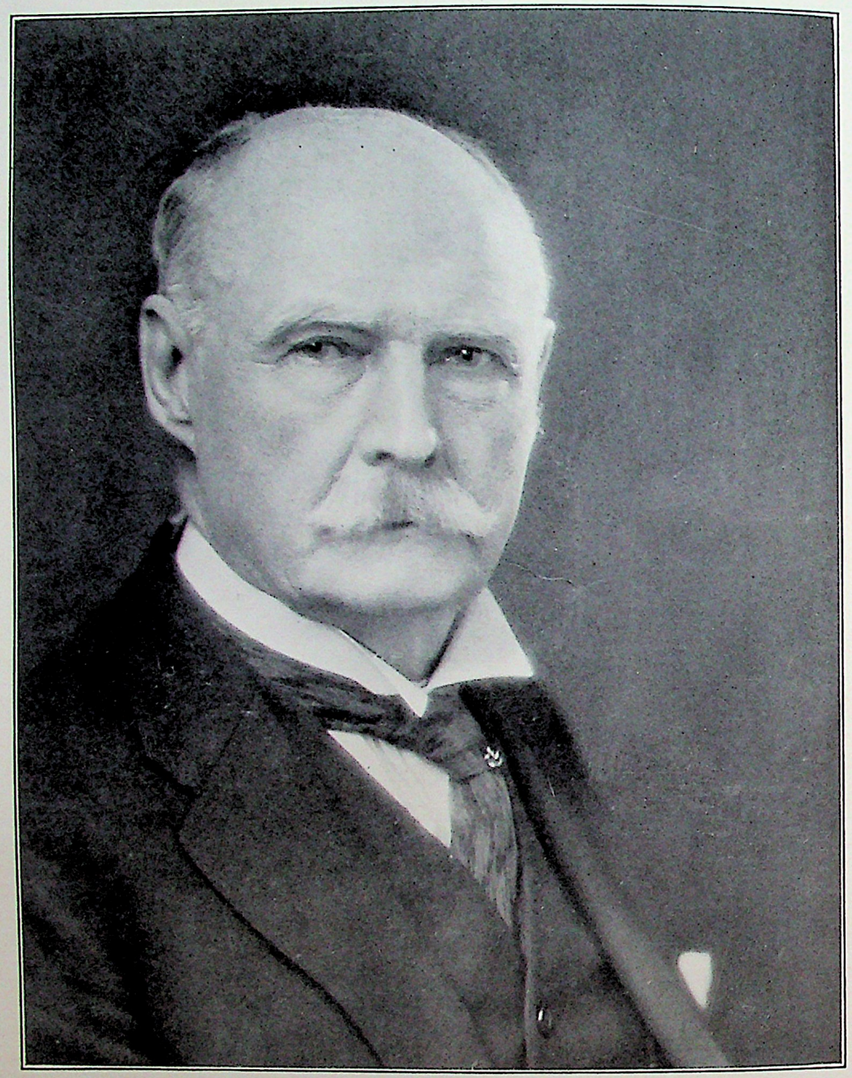
Assistant Professor

KARL HAUPTMAN, B. S.

1903—Graduated Cooper Union Day School of Technical Science with first graduating class of the Day School; B. S., Cooper Union Night School of General Science, 1903; Engineering Department of New York Telephone Co., 1903-1904; Instructor in Physics and Electrical Measurements, Cooper Union Night School, 1904; Instructor in Physics, Cooper Union Day School of Technical Science, 1905; Assistant Professor of Physics, Cooper Union, 1924.

Instructors

HAROLD MERITT, B. S.
WILLIAM H. SPAHN, B. S., E. E.
WILLIAM E. BOSSERT, B. S.
WALTER BODEN, B. S.
O. GERDIN, B. S.
SAMUEL MATHEWS
J. CHARLES RIEDEL, B. S., C. E.
RICHARD F. DEIMEL, B. S., A. M.
R. W. BURNS, A. B., B. S.
JOHN BOSSERT, B. S.
A. E. LOBECK
A. J. LA FONTAINE, Lab.



FREDERICK DIELMAN, N. A.

Art Director and Chairman

Phi Beta Kappa; graduate of Calvert College, Maryland; studied in the Royal Academy and Polytechnic Institute, Munich; served for six years in U. S. Engineers' office; head of Department of Art, College of City of New York, '02-'17; president National Academy of Design, '77-'09 National Academician, '83; member Art Commission of New York City, '01-'04; Hon. Fellow for Life, Metropolitan Museum of Art; Hon. Member Institute of Architects, '09; member National Institute of Arts and Letters.

Faculty

School of Art

FREDERICK DIELMAN, N. A.
Art Director and Chairman

EDWARD A. MILLER, B. S., C. E.

Architecture

B. S., Cooper Union, 1874; C. E., Cooper Union, 1914; Chief Engineer of Park Department, New York City, 1898-1920; member American Institute of Park Executives, Municipal Engineer of the City of New York, General Science Alumni, Alumni Federation, Pleiades, Verdi Club.

GEORGE T. BREWSTER

Sculpture

Preliminary Art Training, Mass. State Normal Art School. Student Ecole des Beaux Arts. Work as sculptor dates from 1884. Founder modeling class. Art Students' League, 1886. Instructor, Art Department, Cooper Union, since 1900. Sculptures include: Statue of "Indiana," Indianapolis; Statue of "Hope," State House, Providence; "Defense of the Flag," in Bronze, Athens, Pa.; "University Club Seal," entrance University Club, N. Y. C.; "Fountain of Nature," Pan-American Exposition; Eleven of Portraits of the Old Masters; Art Museum Exterior, St. Louis; Portrait, Relief, Prof. Anthony, Cooper Union, N. Y.; etc.

HENRY A. GOLDSMITH

Furniture Design

Graduate of Ohio Institute, Cincinnati Art Academy and Cooper Union, N. Y. Studied extensively in Europe, and for twenty-five years Designer of Interior Decorations.

FREDERICK EHRLICH

Design

Student, Cooper Union; studied under C. S. Reinhardt, Walter Appleton Clark; Art Students' League, National Academy of Design, Teachers' College. Advisory Council, Roscoe School of Art and Design.

WILLIAM B. STARKWEATHER

Sculpture

ETHEL TRAPHAGEN

Fashion Design

Graduate of National Academy of Design, Art Students' League, Chase School and Cooper Union. Director Traphagen Co-operative School of Fashion. Staff, "Ladies' Home Journal" and Dress Magazine.

C. CIAMPAGLIA

Modeling

WILLIAM D. DODGE

Life Class

Studied in Paris and Munich; Student Ecole des Beaux Arts. Medalist: Concours d' Atelier; Cours Yvoni; Paris Salon, 1888; Chicago Exhibition, 1893. Works: Dome Adm. Bldg., Chicago Expn.; N. W. Pavilion, Library of Congress; Empire Thea., N. Y.; Hall of Records, N. Y. C.; Acad. of Music, Bkln., N. Y.; Cafe de l' Opera; Folies Bergers Thea., Paris; Tower of Jewels, Pan. Pac. Ind. Exp.; "Fort de Vaux," Verdun, 1918; "Signing of Peace," Versailles, 1919; Teachers Coll., Ia.; Mothers Hq., Rice Mem., N. Y.; Flag Room, State Capital, N. Y.; Director of Color, Sesqui-Centennial Exp., Phila., 1926, etc.

CABLE

School of Art

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HERBERT ADAMS
EDWIN H. BLASHFIELD, N. A.
WILLIAM A. BORING
FRANCIS C. JONES

ARCHITECTURE

Supervisor
EDWARD A. MILLER

THOMAS E. McMULLIN
WILL R. AMON
GEORGE H. LEVY
JOSEPH M. HIRSHMAN
JOHN C. McGOWAN
CHARLES S. SCHMIEDER
WILLIAM F. RICHARDS
GEORGE B. RICHARDSON
WILLIAM L. SMITH
SAMUEL ENTWISTLE

Librarian
ROSE K. MAGLOFF

CLASSES IN ANTIQUE

HARRY D. RAMSDELL
WILLIAM B. VAN INGEN
JULIUS JOSEPH

DECORATIVE ARTS

G. HERBERT KROLL
FREDERICK EHRLICH
WILLIAM HANNEMAN

H. CEDERSTROM
Modeling

GEORGE T. BREWSTER
Sculpture

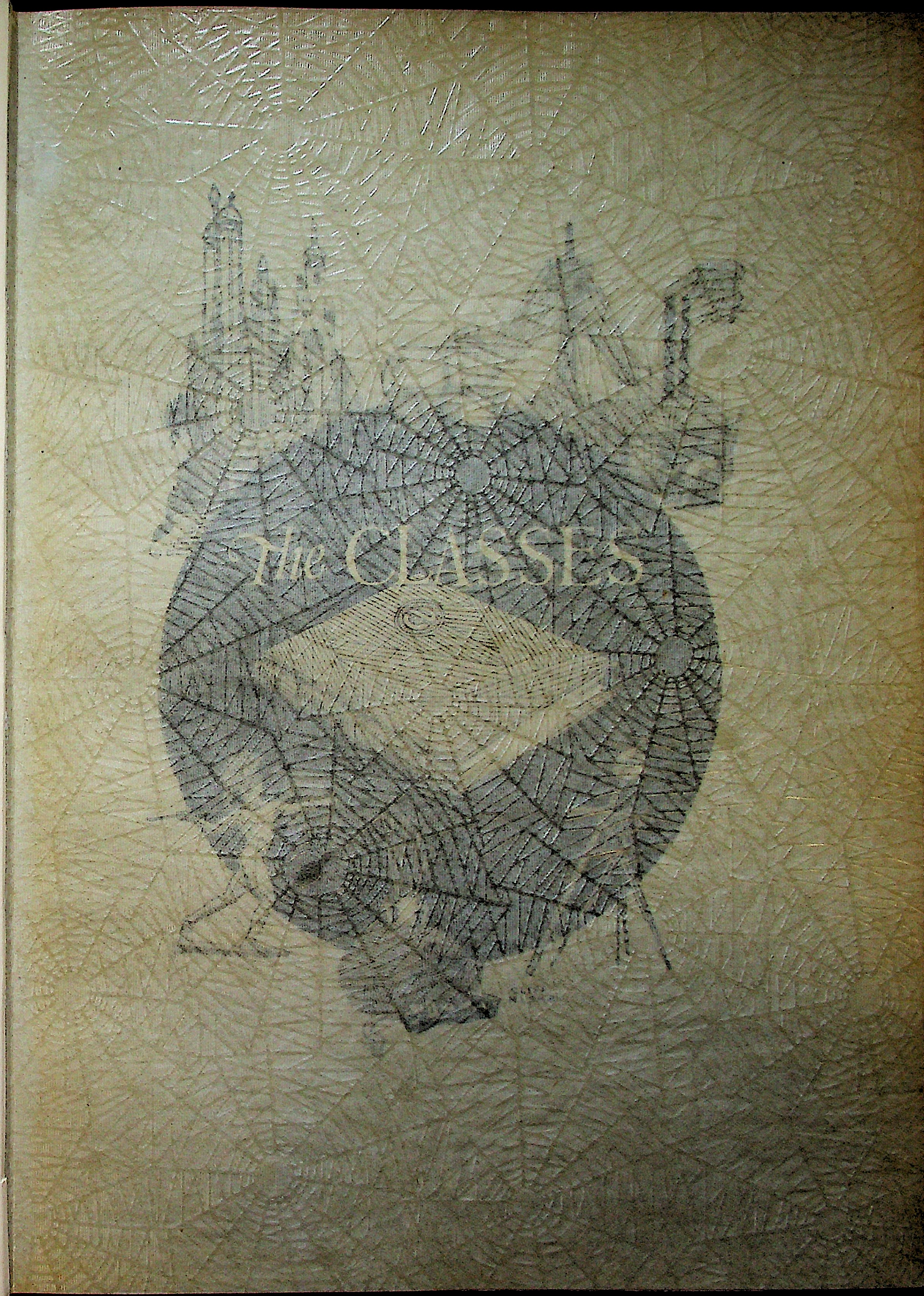
C. CIAMPAGLIA
Life Class

WILLIAM B. STARKWEATHER
Antique Class (Advanced)

FASHION DESIGN

ETHEL TRAPHAGEN
CONSTANCE REED

NINETEEN HUNDRED *and* TWENTY SIX



School of Art

ADVISORY COUNCIL

MISS SARAH COOPER HEWITT
HERBERT ADAMS

FRANCIS C. JONES

ARCHITECTURE

Supervisor
EDWARD A. [illegible]

THOMAS E. MCMULLIN
WILL R. AMON
GEORGE H. LEVY
JOSEPH M. HIRSHMAN
JOHN C. MCGOWAN

Librarian
ROSE K. MAGOVE

CLASSES IN ANTIQUE

HARRY D. RAMSDELL
JULIUS JOSEPH

DECORATIVE ART

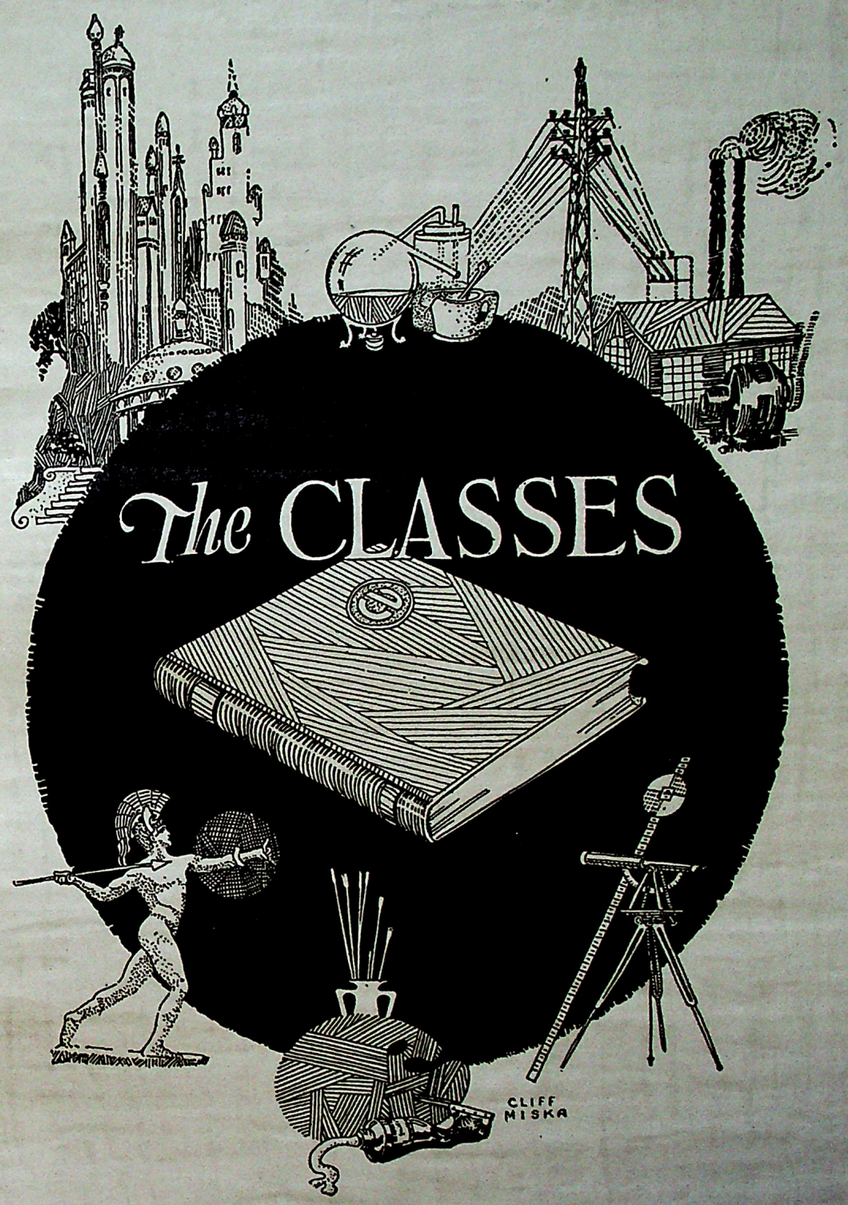
G. HERBERT KROLL
WILLIAM HANKSMAN

H. CEDERSTROM
Modeling

C. CIAMPAGLIA
Life Class

FASHION DESIGN

ETHEL TRAPMAN
CONSTANCE [illegible]



CABLE

Seniors

NINETEEN HUNDRED and TWENTY SIX

Chemistry, 1926

FRED THATCHER

President
FRED THATCHER

Vice-President
CHARLES ROHLEDER

Secretary-Treasurer
VINCENT VON ZWEHL

FOR six long drawn out years the dozen odd members of the Chemistry Class of 1926 have been struggling on to avoid the sweeping toll of the ever threatening, great god Deficiency. Each year saw more and more of the less fortunate fall by the wayside and with the end of the school year in sight the remaining dozen have hopes of sidestepping, once and for all, that omnipotent bearer of sorrow and misfortune. Once they are free they will be able to apply the spirit of conquesting great obstacles in a practical way.

Among the members of the class are some of the most active men in the school. Some of the older students will recall the names of others who were among the less fortunate ones mentioned above. The Chemistry Class of 1926 has contributed, each year, its quota of leaders in student activities.

With the approach of graduation from the institution the class has learned to love, it seems logical to extend the heartfelt wishes of the few surviving members to the school and to the professors who have endeavored to increase their store of knowledge.

None of the class have any doubt that the smallness of the graduating body will be offset by the quality and magnitude of the deeds they will accomplish in their chosen field.

THE HISTORIAN.

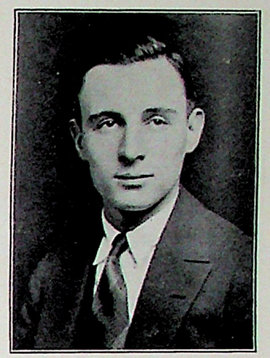
Electrical Engineering, 1926

President
IRWIN APPEL

Vice-President
SIDNEY FINFER

Treasurer
CHARLES PODGAINY

Secretary
IRVIN FRANKEL



IRWIN APPEL

EXTRACT OF THE LOG OF THE GOOD SHIP "E. E. '26"

IT was with mingled feelings of joy and sorrow that we received, to-day, the "Land ho" hail from the lookout's nest. Land, and with it the end of the voyage. At first, we could hardly believe our ears, but on climbing above the rigging, we could see it, at the edge of the horizon, just barely discernible through the morning haze. At last our voyage was at an end. The five long years spent on the stormy seas of Cooper Union are now but as a day, and yet, on looking back to the day when we first set sail and recalling to mind the events that took place, it seems as though we are gazing back into the dusky aisles of Time, and that centuries have rolled by.

In October of 1921, we embarked from the "Land of Eternal Darkness" to seek the truth in the "Ultimate City." Our course lay through the "Sea of Knowledge," a course uncharted and beset with unknown perils. The crew was brave and they feared not what lay before them. It was that which was beyond that spurred them on.

Swept by stormy seas, and exposed to blistering "Heat," while the dread diseases, "Mechanics," "Physics," and "Mathematics" stalked through our ranks, the last year of the voyage found our ship manned by a mere handful of survivors. This last year was fraught with storms and dangers far greater than those which had gone before, but the crew was now well prepared to meet them. Well fortified by experience and the ability to stand the "gaff," they have brought the ship through safely.

Before us lies the "Ultimate City." Our voyage is over and its hardships will soon be forgotten, but its friendships, never. To-morrow, we shall make land and bid our vessel, the good ship "E. E. '26," farewell. Happy as we are, it will be a sad parting.

THE HISTORIAN.

General Science, 1926

JAMES L. GERRIE

President
JAMES L. GERRIE

Vice-President
DON RAMPOLLA

Secretary
ALBERT L. BOLTIZAR

Treasurer
T. LEWIS BUSER

THE wayfarer, approaching the end of his journey, pauses to ponder upon the future and to recall the past. Thoughts of happiness come, and the wanderer finds solace therein. Gloom and despair are buried deep in the maze of forgetfulness.

We stand before the portals of Commencement and pause to reflect and meditate. As we turn back on the paths of retrospection, we see engraved on the milestones of memory names to conjure with. Scenes of happiness come. We see the Waldorf and happy, carefree freshmen; Gonfarone's and Shanley's, where fellowship reigned supreme and a "good time was had by all"; the Embassy, where Juniors gathered to make merry at a glorious Prom. A scene of beauty unfolds —we can see gay Seniors paying homage to the goddess Terpsichore at the St. Regis. All the glow of years of friendship gathered on that night to make the Senior Hop a brilliant event.

The Class, during its five years' sojourn, has witnessed many changes. Football and basketball have become major sports. Track and swimming, though in their infancy, promise to bring added fame to the Maroon and Gold. The social sphere of the student has been broadened. Classes have their dinners and dances where classmates mingle in a new spirit. The Juniors have their Prom and the Seniors their Hop. The "Pioneer" and the "Cable" are on a par with like college publications. The Class has been well represented in all activities. Its members have played on the various teams. They have been leaders in the student councils and incessant workers on the publications. The Class points with pride to their achievements.

The years at Cooper have brought to us knowledge of "Whatsoever things are true." Strong in our beliefs and secure in our knowledge we are ready to sail on into uncharted seas. The past was glorious; the future holds promise of greater glory.

THE HISTORIAN.

Institute of Technology, 1926

President
FREDERIC H. MILLER

Vice-President
JOHN J. WELCH

Secretary-Treasurer
HOWARD M. HILL

FREDERIC H. MILLER

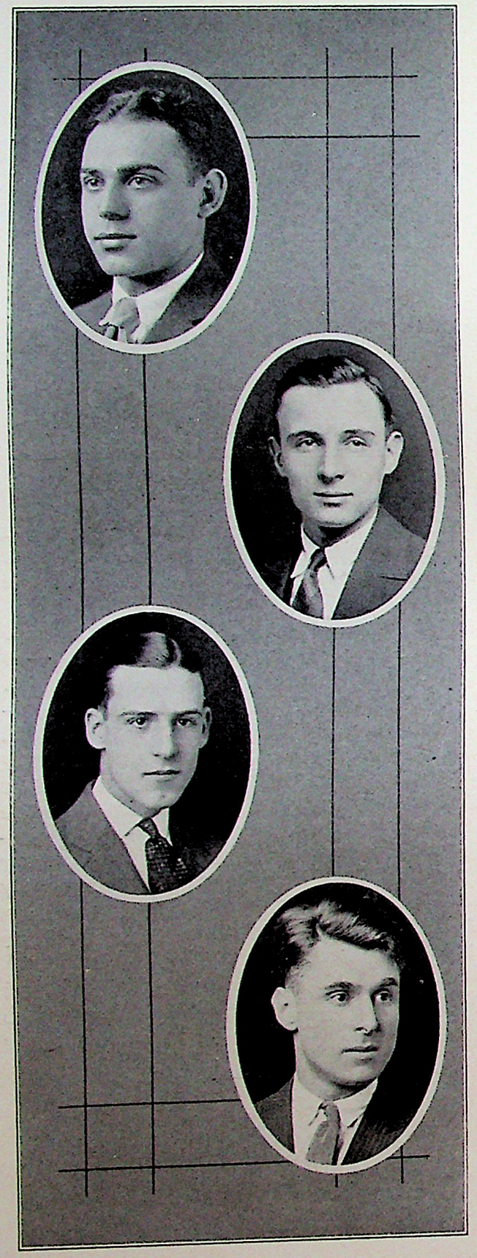
THE time has come for the Historian of the Class of 1926 to write the history of its members, knowing that what is past is done and that the future is all-important. But who can write of the future?

Four years ago, it seems a shorter time, the Class of 1926 entered the halls of Cooper Union with one object foremost—to learn. What we have learned will, no doubt, be of great help to us in time to come, and we will be ever appreciative of the efforts of the faculty, not to make our way easy, but to help us when our way was hard.

The connection of the class with our Alma Mater has been not only scholastic but also athletic. In the interclass basketball tournaments the Class of '26 was always to the fore, and this because the positions on the varsity team were so often filled from our ranks. Of our record concerning baseball we are proud,—proud because we have at least four men who played on the team every season and who practiced earnestly to make the team a success. Football is not on our roster, but who does not remember that memorable day, when we were sophomores, that we held the much heavier freshmen to a trivial score.

Much more might be said of the activities of the Class of 1926, but eulogies have their place and, it is more fitting to close this writing with a hope for a bright future than to spend further time in recounting our athletic victories.

THE HISTORIAN.



MILTON S. ABRAMSON, B. S.
"Milt" Α Μ Σ
Mechanical Engineering

Member, Student Branch, A. S. M. E.; C. U. S. L., Delegate, '21, '22, '23, '24; "C. T. T.", Track Team, '22, '23; Corresponding Secretary, C. U. N. A. O., '22, '23; Athletic Comm., '23, '24; Asst. Sports Editor Pioneer, '23, '24; Chess Vice-Pres. and Pres., '23, '24; Asst. Manager Basketball, '22, '23; "C"; Graduate Manager, Basketball, '25, '26.

IRWIN APPEL, B. S.
Α Μ Σ
Electrical Engineering

Delegate C. U. S. L., '22, '23, '24; Class Vice-Pres., '23; Class President, '24, '25, '26; Representative C. U. N. S. C., '25, '26; Junior Prom Committee, '25; C. U. N. S. C. Annual Dance Committee, '25; Senior Hop Committee, '26; Football Manager, '25, '26; Pres. C. U. N. S. C., '26; Member C. U. Branch A. I. E. E.

HARRY H. BAGLEY, B. S.
"Bag"
Civil Engineering
Pioneer Representative, 1925-6.

PHILIP BEERMAN, B.S.
"Beerman"
Chemistry
Member Cooper Union Chem. Society.

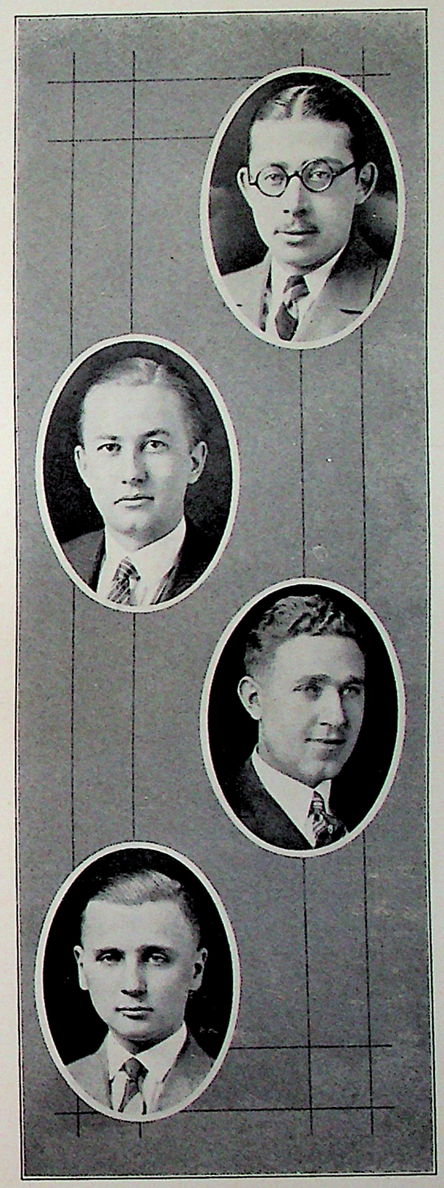
MAX BELITSKY, B. S.
"Mack"
Civil Engineering
Student Branch, A. S. C. E.

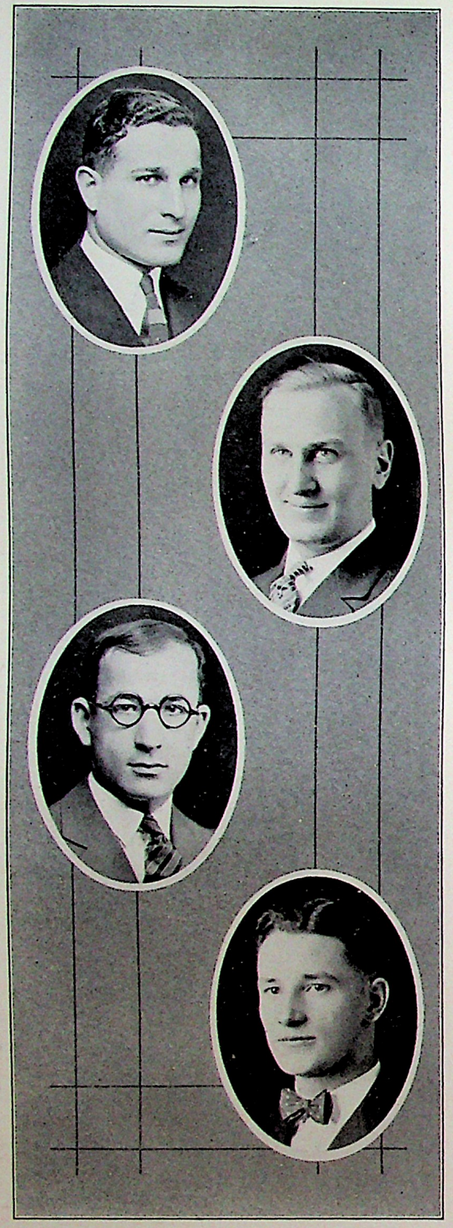
WILLIAM E. BLAKE, B. S.
"Willie"
Chemistry
Member Cooper Union Chem. Society.

CECIL C. BLUMER, B. S.
"Cecil" Σ Α Π
Mechanical Engineering
Member Student Branch A. S. M. E.

ALBERT L. BOLTIZAR, B. S.
"Al"
Mechanical Engineering

Member, Student Branch A. S. M. E.; Class Secretary, '25; Associate Editor, Cable Board of 1925; Class Secretary, '26.





CHARLES BROWN, B. S.
Electrical Engineering

Class Basketball, '24; Class Treasurer, '25; Key Committee, '26; Member C. U. Branch A. I. E. E.

THOMAS BROWN, B. S.
Electrical Engineering

For record see page 71.

T. LEWIS BUSER, B. S.
Civil Engineering
"Babe"

Swimming Team, '25; Treasurer, '26; Student Branch A. S. C. E., 1926.

SAMUEL J. CARPENTER, B. S.
"Sam"
Mechanical Engineering
Member Student Branch A. S. M. E.

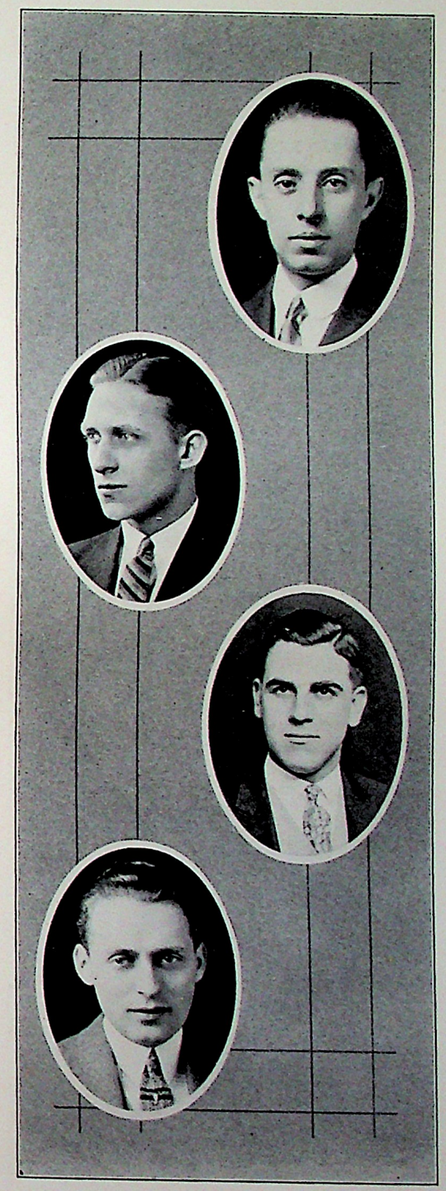
CHARLES E. CERVENY, B. S.
"Carl"
Mechanical Engineering
Member Student Branch A. S. M. E.

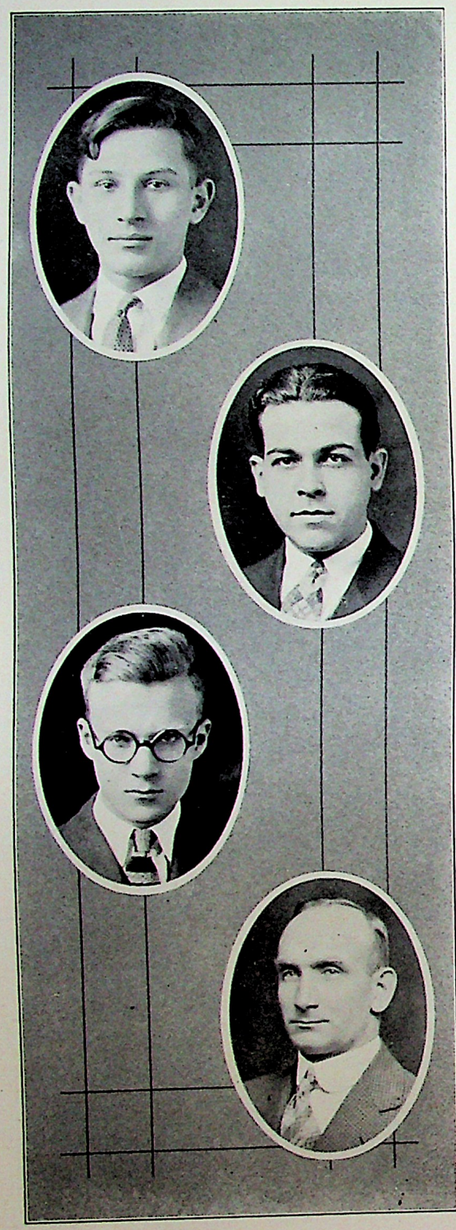
ANTHONY A. DANI, B. S.
"Mark Anthony"
Electrical Engineering
Assoc. A. I. E. E.

RICHARD D. ENGELKIN, B. S.
"Dick"
Electrical Engineering
Assoc. A. I. E. E.

CHARLES FAIGLE, B. S.
"Charley"
Electrical Engineering
Assoc. A. I. E. E.

NICHOLAS FARKAS, B. S.
"Foxy"
Civil Engineering





SIDNEY FINFER, B. S.
"Sir Sid" Σ I Ξ
Electrical Engineering

Student Member A. I. E. E.; Class Vice-Pres., '26; Member C. U. Branch A. I. E. E.

IRVING M. FRANKEL, B. S.
"Frank" Σ I Ξ
Electrical Engineering

Assoc. Editor Cable, '25; Class Secretary, '26; Member C. U. Branch A. I. E. E.

JAMES L. GERRIE, B. S.
"Jim" Ω Δ Φ
Civil Engineering

Class President, '25, '26; Asst. Business Manager "Cable, 1925"; Junior Prom Committee; Treasurer C. U. N. A. O.; Secretary C. U. N. S. Council; Chairman C. U. N. S. C. Dance Committee, 1926.

JOSEPH GIZOWS, B. S.
"Joe"
Mechanical Engineering

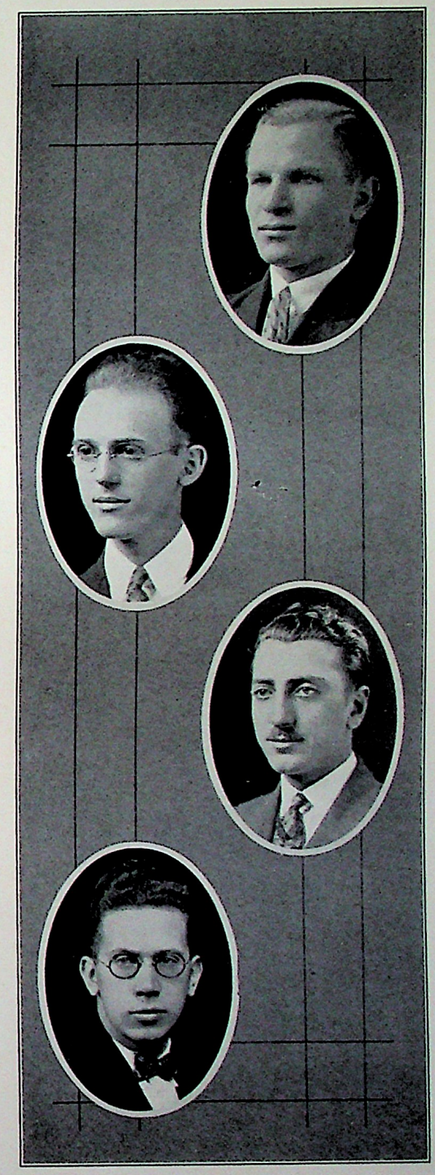
Member Student Branch A. S. M. E.

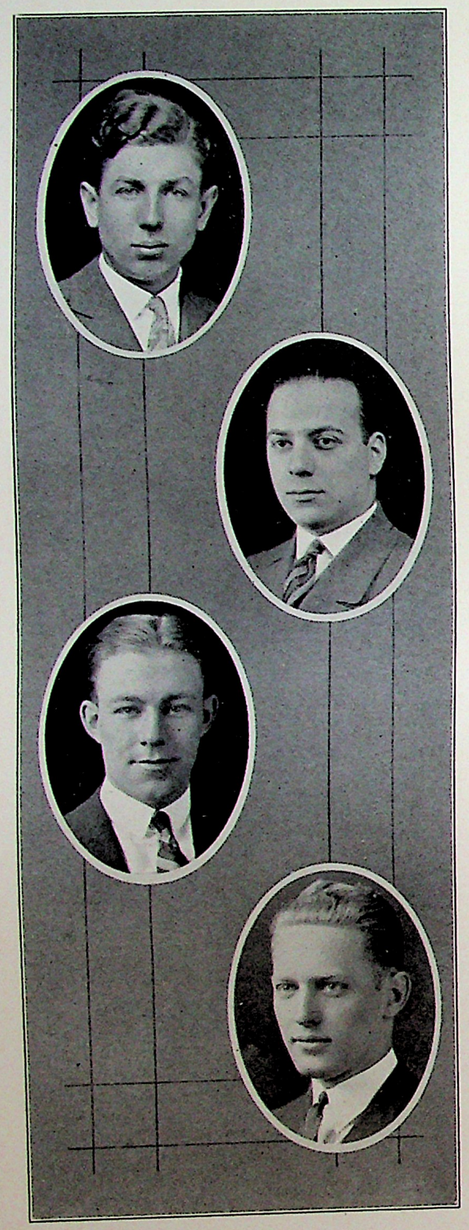
ALEXANDER GOTTLIEB, B. S.
"Al"
Civil Engineering

HAROLD RANDELL GRAMLING, B. S.
"Randy" Σ A Π
Civil Engineering

THEODORE A. HELLMAN, B. S.
"Mayonnaise"
Electrical Engineering

H. H. W. HERBERS, B. S.
"Herby"
Electrical Engineering
Assoc. A. I. E. E.





JOHN J. HILL, B. S.
"Jack"
Chemistry
Member Cooper Union Chem. Society.

LESLIE HIRSCHEL, B. S.
"Hirsh"
Electrical Engineering
Delegate C. U. S. L., '22, '23, '24; Chairman Class Entertainment Committee, '24; Class Vice-President, '24; C. U. Branch A. I. E. E., '26

GEORGE J. JACKSON, B. S.
"George"
Electrical Engineering
Assoc. A. I. E. E.

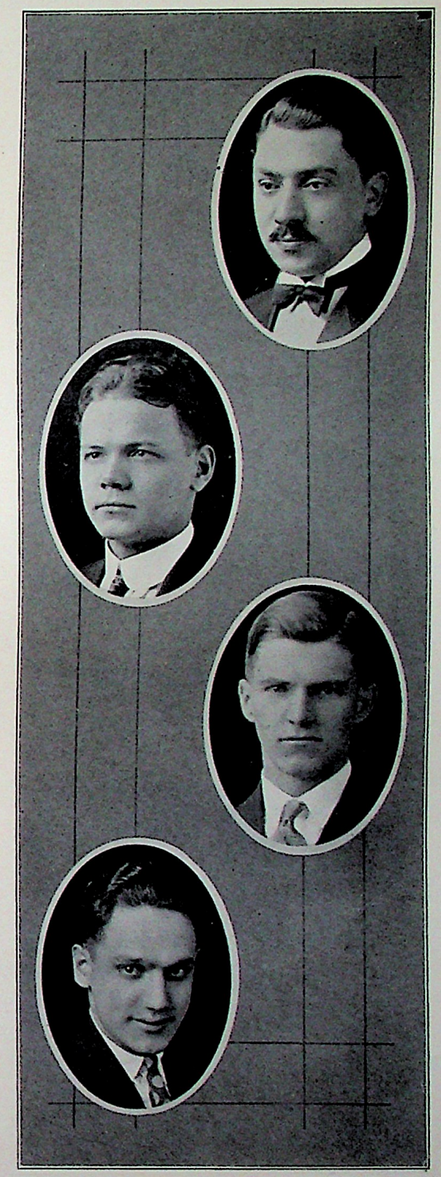
JOSEPH JANOUSEK, B. S.
"Joe"
Mechanical Engineering
Member Student Branch A. S. M. E.
Member Freshman Fencing Team.

HARRY KESSLER, B. S.
"Kessey"
Civil Engineering
A. S. C. E.; Entertainment Committee, '24; Pioneer Staff, 1924.

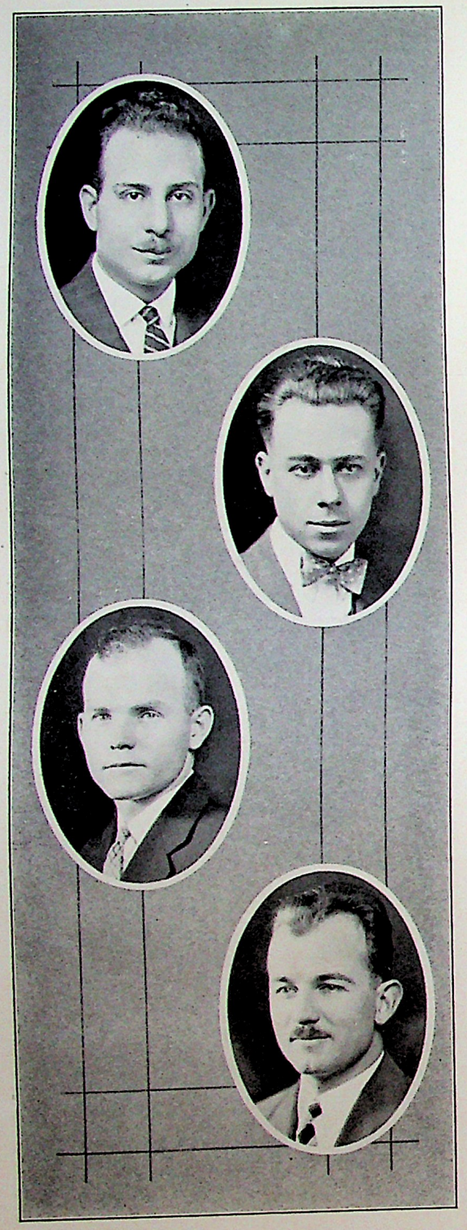
CHARLES KUSOLD, B. S.
"Charlie"
Mechanical Engineering
Member, Student Branch A. S. M. E.

RICHARD LANE, B. S.
"Dick" Ω Δ Φ
Civil Enginering
Key Committee, '26; A. S. C. E. Student Branch.

WILLIAM LA ROSA, B. S.
"Bill" Ω Δ T
Chemistry
Vice-Pres., '23; C. U. S. L. Delegate, '24; Night Track Team, '24; Track Manager, '24; Class Basketball Team, '24; Chairman Field Day Committee, '24; Class President, '26; Chairman Junior Prom, '25; President C. U. N. A. O., '26; Cooper Union Chemistry Society.



COOPER UNION LIBRARY



P. E. LENZO, B. S.
"Ed"
Mechanical Engineering
Member Student Branch A. S. M. E.

JOHN EDWARD LIND, B. S.
"Jack"
Electrical Engineering
Member C. U. Branch A. I. E. E.

RAYMOND T. LYNCH, B. S.
"Ray"
Chemistry

Class Track Team, '23; Class Basketball Team, '24; Cooper Union Chemistry Society.

STEPHEN M. MARTIN, B. S.
"Steve"
Mechanical Engineering

Treasurer, Cooper Union Student Branch A. S. M. E., 1925; Chairman Cooper Union Student Branch A. S. M. E., 1926.

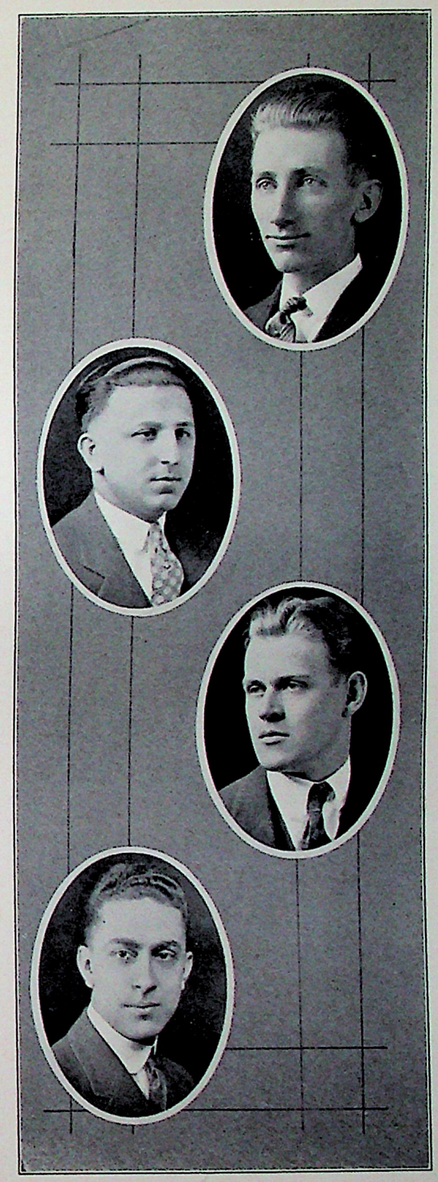
COOPER UNION LIBRARY

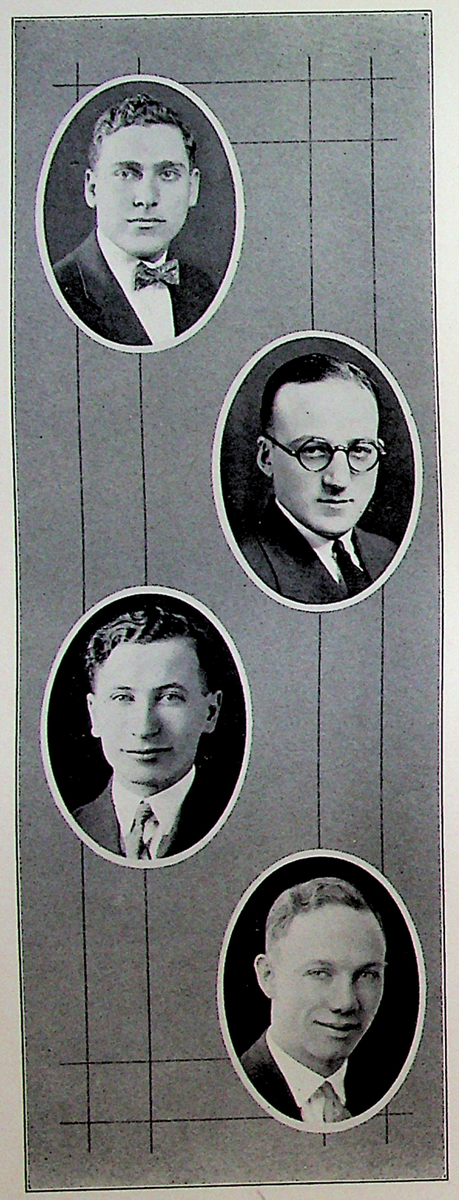
SAMUEL MASKER, B. S.
"Sam"
Civil Engineering
Jr. A. S. C. E.

JOSEPH MASTROBERTE, B. S.
"Joe"
Mechanical Engineering
Member Student Branch A. S. M. E.

JOSEPH MATOSCHEK, B. S.
"Mattie"
Civil Engineering
A. S. C. E. Student Branch.

JOHN R. MEEKS, B. S.
"Jack"
Electrical Engineering
Assoc. A. I. E. E.





GEORGE MEISTER, B. S.
"Mice"
Chemistry
Cooper Union Chemistry Society.

ALFRED MINERVA, B. S.
"Min" Ω Δ Φ
Civil Engineering
Student Branch A. S. C. E.

NICHOLAS M. MOLNAR, B. S.
Chemistry
Cooper Union Chemistry Society; Cap and Gown Committee; American Chemistry Society.

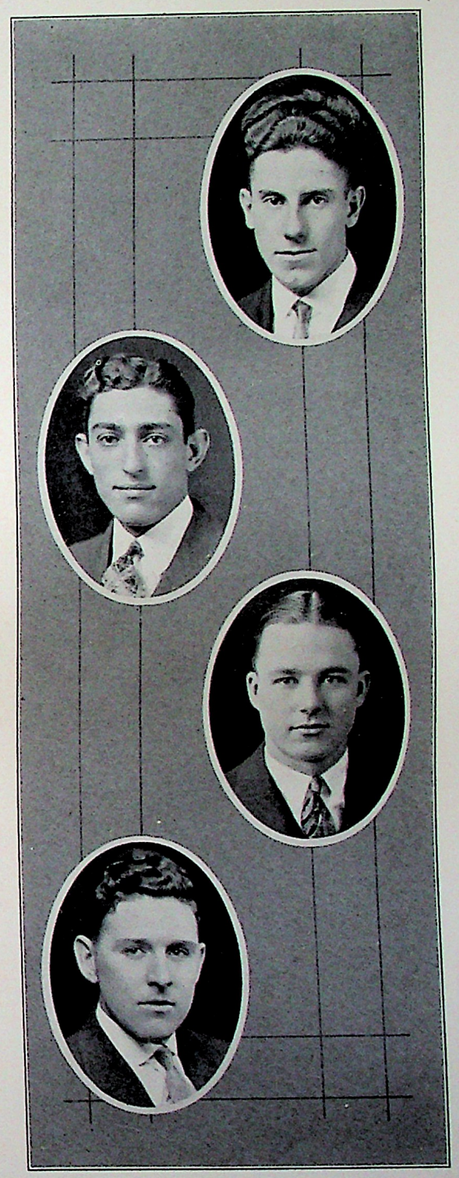
ARTHUR J. MOONEY, B. S.
"Art" Ω Δ Φ
Civil Engineering
Entertainment Committee, '23; Class Vice-President, '24; Chairman Senior Dance Committee, '26; Student Branch A. S. C. E.

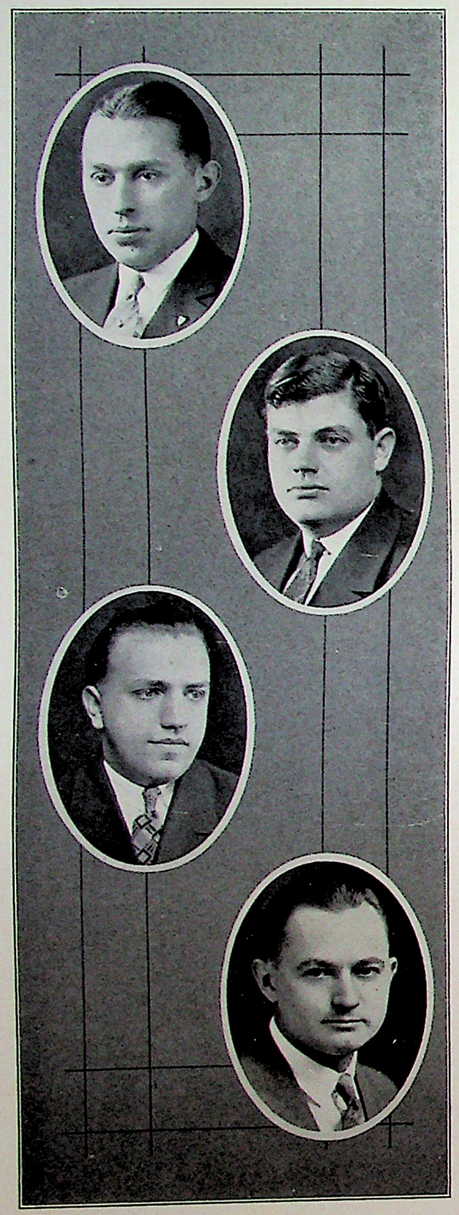
GUSTAV MORTENSEN, B. S.
"Gus"
Civil Engineering
Student Branch A. S. C. E.

JOSEPH H. MULLER, B. S.
"Joe"
Electrical Engineering
Delegate C. U. S. L., '24; Field Day Committee, '24; Student Member C. U. Chapter A. I. E. E.

IAN B. PACKMAN, B. S.
"Pack" Ω Δ Φ
Civil Engineering
President C. U. Student Branch A. S. C. E., 1926.

HOWARD S. PHELPS, B. S.
"Howard" Ω Δ Φ
Chemistry
Cooper Union Chemistry Society.





FRED P. PHILIPP, B. S.
"Fred" Σ A Π
Mechanical Engineering

Member Student Branch A. S. M. E.; C. U. S. L. Delegate, '21; Member Junior Prom Committee, '25; Member Senior Dance Committee, '26.

ALBERT A. PHILLIPS, B. S.
"Flip"
Electrical Engineering

CHARLES PODGAINY, B. S.
"Podgy"
Electrical Engineering

Assoc. A. I. E. E.; Class Treasurer, '26.

CHARLES F. POSPISIL, B. S.
"Pos"
Civil Engineering

DON RAMPOLLA, B. S.
"Don"
Mechanical Engineering

Member Student Branch A. S. M. E.; Vice-President, '25, '26.

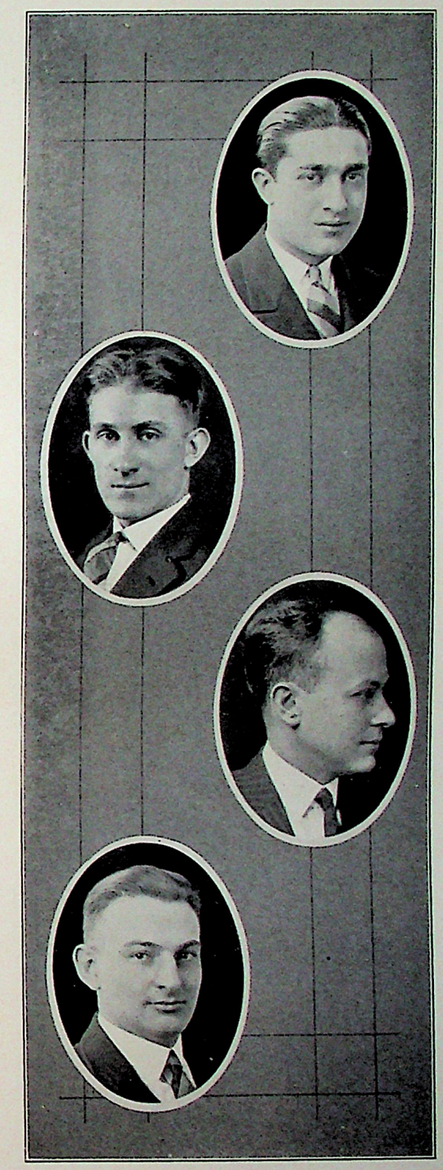
CHARLES ROHLEDER, B. S.
"Roey" Ω Δ Φ
Chemistry

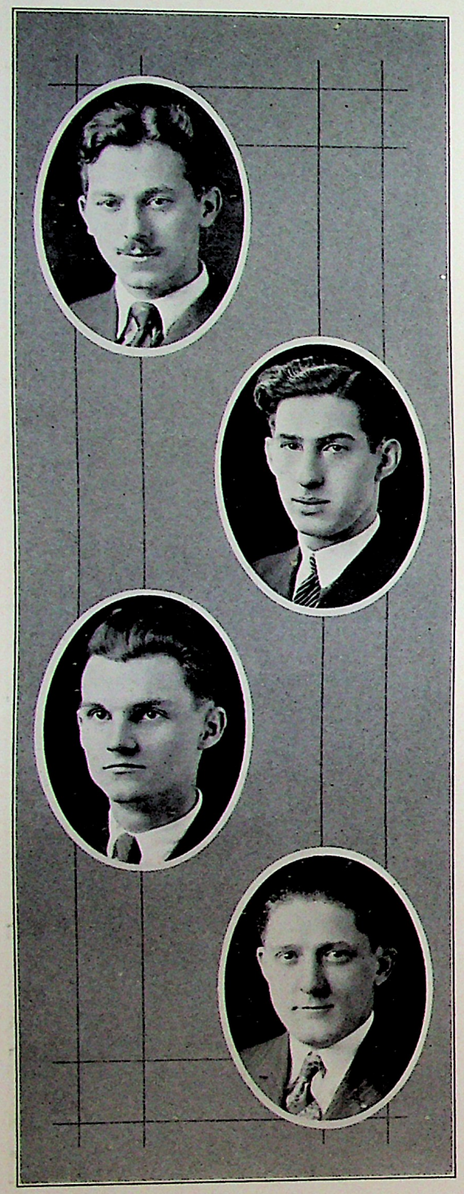
C. U. S. L. Delegate, '22; President, '22, '23, '24; Vice-President, '26; Night Track Team, '24; Class Basketball Team, '24; Captain Track Team, '24; Cooper Union Chemistry oSciety.

JOSEPH E. RUSSELL, B. S.
"Joe" Ω Δ Φ
Mechanical Engineering

Member Student Branch A. S. M. E.

JOHN SCHNEIDER, B. S.
Civil Engineering





ABRAHAM SCHWARTZ, B. S.
"Abe" Σ I Ξ
Civil Engineering
Course Circulation Manager "Pioneer," '23; Editor-in-Chief "Cable," '25.

JACOB SLOVES, B. S.
"Slo"
Chemistry
Asst. Editor Cable, '24; Pin Committee; Cooper Union Chemistry Society.

C. R. SWEET, B. S.
"Russ" Ω Δ Φ
Civil Engineering
Circulation Manager 1925 Cable.

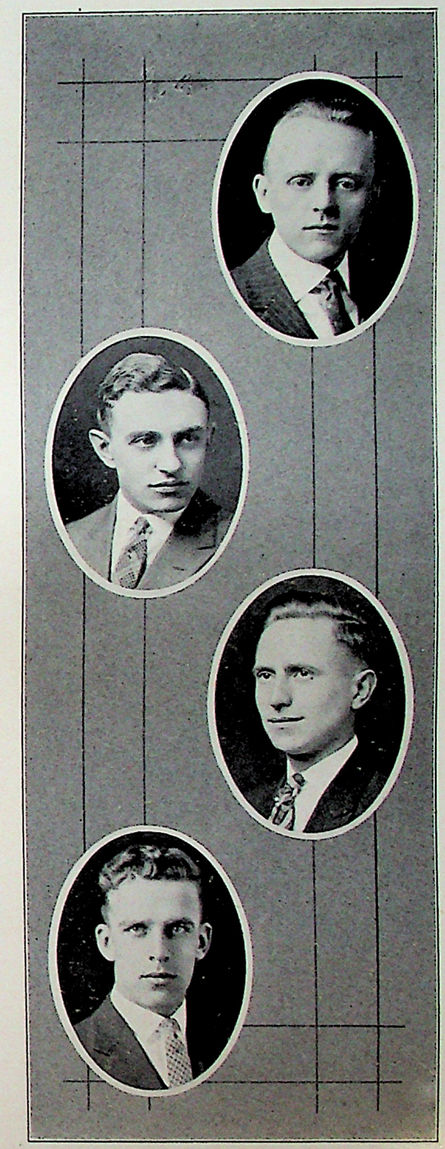
HARRY WILLIAM STUBER, B. S.
"Bill"
Civil Engineering
A. S. C. E.

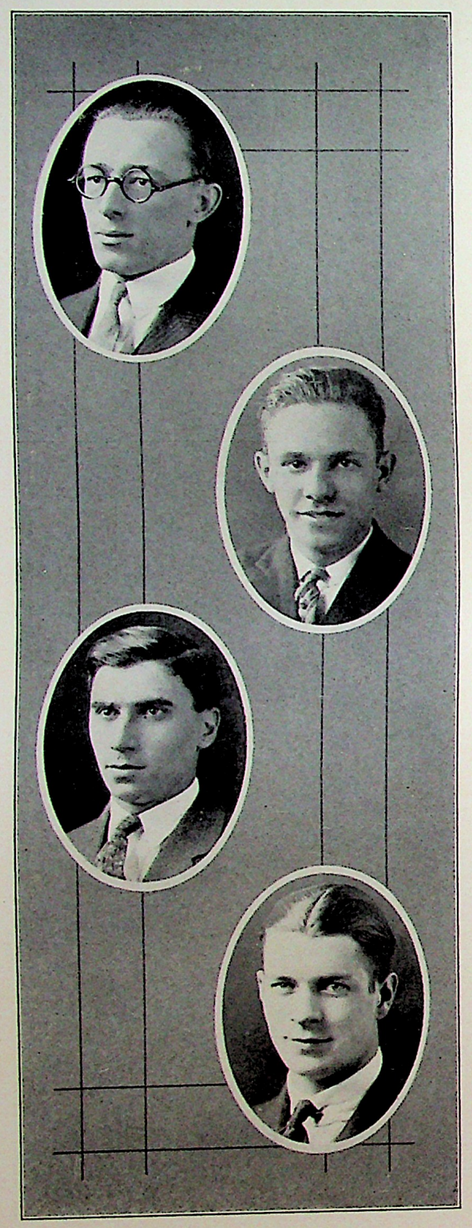
ROBERT SALMONSEN, B. S.
"Bob"
Civil Engineering
Jr. A. S. M. E.

FRED M. THATCHER, B. S.
"Fred" Ω Δ Φ
Chemistry
Secretary-Treasurer, '21; President, '22; Vice-President, '24; President, '26; Cooper Union Chemistry Society; Asst. Business Manager "The Pioneer," '23; Business Manager "The Pioneer," '24; Advertising Manager "The Pioneer," '25; Associate Editor "The Pioneer," '26; Business Manager "The Cable" of 1925.

VINCENT VON ZWEHL, B. S.
Chemistry
"Vin" Ω Δ Φ
Secretary-Treasurer, '24, '25, '26; Class Basketball Team, '24; Asst. Track Manager, '24; Newman Club Secretary, '24; Newman Club Treasurer, '25; Cooper Union Chemical Society; Senior Dance Committee; Member American Chemical Society.

JAMES HILL WILSON, B. S.
"Jim"
Civil Engineering
A. S. C. E.





ERNEST Z. BAHARAV, B. S.
"Ernie"
Tech—Civil Engineering

C. U. S. C. Delegate, '26; Student Branch A. S. C. E.

EDWARD A. CARBONE, B. S.
"Eddie" Σ T P
Tech—Mechanical Engineering

Varsity Baseball, '22, '23, '24; Captain Varsity Baseball, '24; Varsity Basketball, '24; Class Basketball, '23, '24; Varsity Track, '22; Vice-President A. A., '24; A. A. Delegate, '23; C. U. S. C. Delegate, '23; Member Junior Prom Committee, '24; Student Branch A. S. M. E.; Orchestra, '22, '23, '24, '25.

A. J. CONSTANTINO, B. S.
"Tino"
Tech—Electrical Engineering

Treasurer Freshman Class, '23; C. U. S. C. Delegate ,'23, '24; Student Branch A. I. E. E.; Varsity Baseball, '24, '25, '26; Captain Varsity Baseball, '25.

WALTER A. DEAN, B. S.
"Walt" Λ Σ K M A O
Tech—Chemical Engineering

Varsity Baseball, '23, '24, '25, '26; C. U. S. C. Delegate, '23; Corr. Sec., '24; Vice-Pres., '25; Pres., '26; Pres. Class, '23; Managing Editor Pioneer, '24; Editor-in-Chief, '25; Scholarship, '24, '25, '26; A. A. Delegate, '23, '24; Vice-Pres. A. A., '25.

ISIDOR FANKUCHEN, B. S.
"Patrick"
Tech—Electrical Engineering

Varsity Basketball, '25, '26; Interclass Basketball, '24; Mechanics Medal, '23.

HOWARD M. HILL, B. S.
"Hill" *"Hiram"*
Tech—Mechanical Engineering

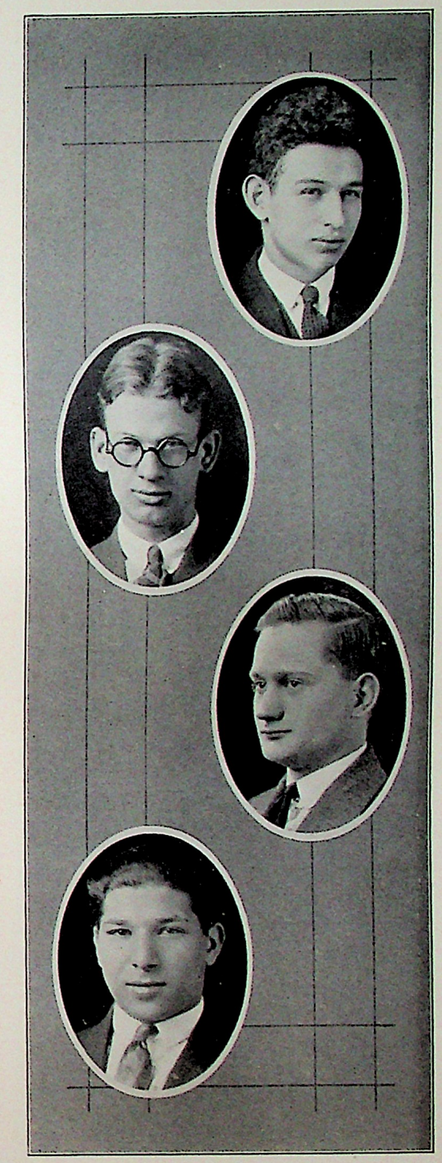
Treasurer Class, '24, '25, '26; Student Branch A. S. M. E.; C. U. S. C. Delegate, '25, '26.

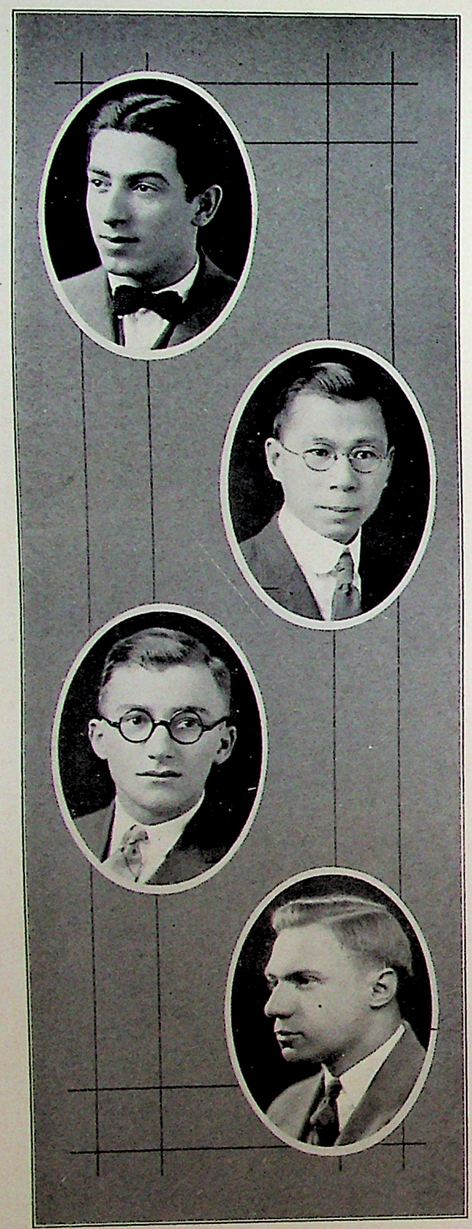
WALTER G. JUDSON, B. S.
"Juddy" Σ A Π
Tech—Electrical Engineering

Varsity Baseball, '24, '25, '26; Varsity Basketball, '24, '25, '26; Captain Varsity Basketball, '25, '26; Asst. Baseball Manager, '25; Baseball Manager, '26; Vice-President Class, '25; Secretary Math. Club, '26; Student Branch A. I. E. E.

NATHANIEL LAWRENCE KERACHSKY, B. S.
"Nate" *"Swastika"* M A O
Tech—Mechanical Engineering

Poet's Corner Pioneer '23, '24, '25; C. U. S. C. Delegate, '25; Senior Executive Member C. U. S. C., '26; Author of School Song, '26; Secretary Student Branch A. S. M. E., '25, '26.





MORRIS F. KETAY, B. S.
"Keat"
Tech—Electrical Engineering
Student Branch A. I. E. E.

KENJI KUSUYAMA, B. S.
"Kusy"
Tech—Mechanical Engineering
C. U. S. C. Delegate, '25; Student Branch A. S. M. E.

JACOB MARCUS, B. S.
"Jack"
Tech—Chemical Engineering
Day Circulation Manager Pioneer, '25.

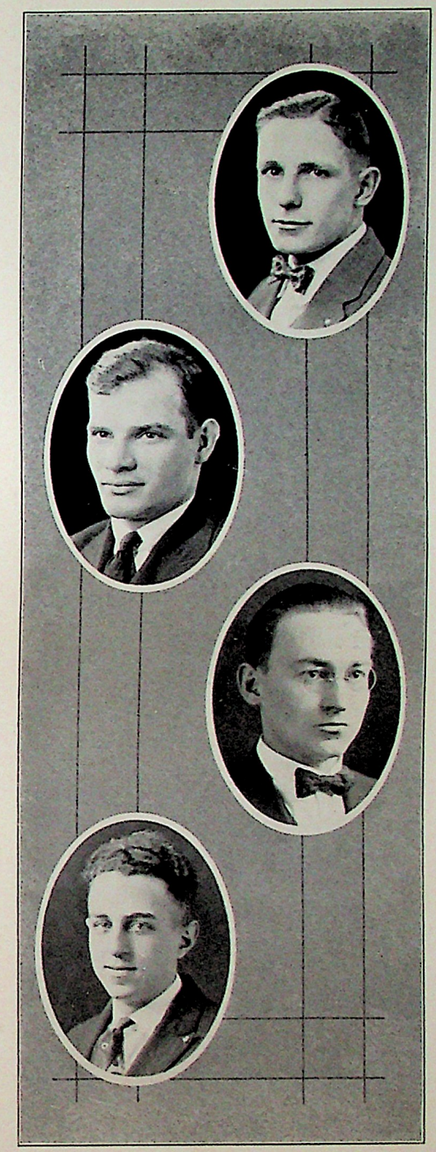
FREDERIC H. MILLER, B. S.
"Fred" Σ T P M A O
Tech—Electrical Engineering
C. U. S. C. Delegate, '23, '25; Secretary Math. Club, '23; Vice-President Math. Club, '25; President Math. Club, '26; Vice-President Class, '23; President Class, '24, '26; Mathematics Prize, '23; Calculus Medal, '25; Asst. Basketball Manager, '25; Basketball Manager, '26; President Student Branch A. I. E. E., '26.

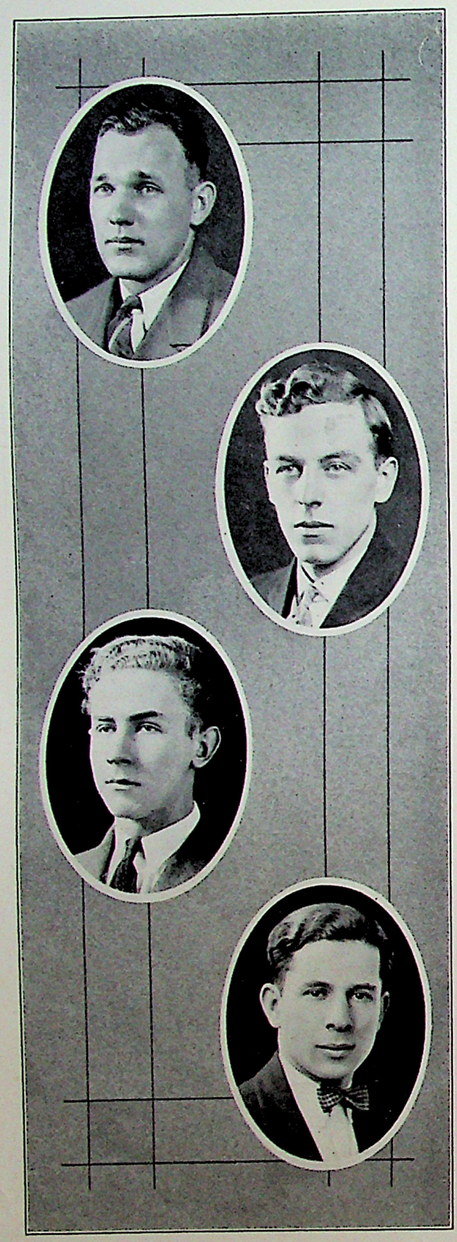
CHARLES SCHWARZLER, B. S.
"Charlie" Σ T P
Tech—Electrical Engineering
Financial Secretary A. A., '26; C. U. S. C. Delegate, '26; Varsity Track, '22, '23, '25, '26; Track Manager, '26; Student Branch A. I. E. E.; Interclass Basketball, '22, '23, '25, '26.

LOUIS E. SHAPIRO, B. S.
"Shap"
Tech—Mechanical Engineering
C. U. S. C. Delegate, '24, '26; Scholarship, '25, '26; Secretary Student Branch A. S. M. E., '24, '25.

THADDEUS SLONCZEWSKI, B. S.
"Slon" M A O
Tech—Electrical Engineering
Vice-President Math. Club, '26; Student Branch A. I. E. E.

BERTHOLD SPEIER, B. S.
"Bert" M A O
Tech—Mechanical Engineering
C. U. S. C. Delegate, '23, '24; Scholarship, '25, '26; Student Branch A. S. M. E.





MICHAEL SUDOL, B. S.
"Demitasse" Α Φ Φ
Tech—Civil Engineering

Pioneer Circulation Dept.; Student Branch A. S. C. E.

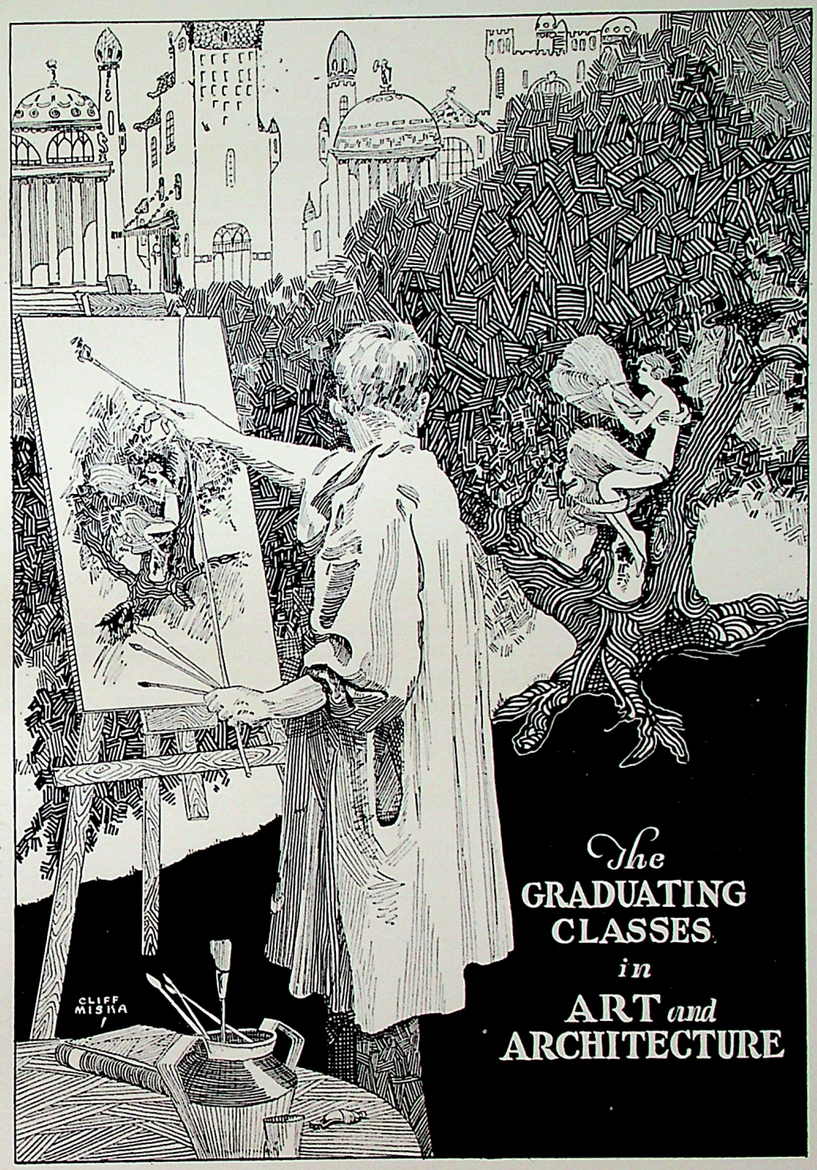
JOHN J. WELCH, B. S.
"Jack"
Tech—Electrical Engineering

Varsity Baseball, '24, '25, '26; Baseball Manager, '25; Vice-President Class, '24, '26; A. A. Delegate, '24; President A. A., '26; C. U. S. C. Delegate, '24, '25, '26; Interclass Basketball, '24, '25, '26; Secretary Newman Club, '24.

RALPH R. WENNER, B. S.
"Ralph"
Tech—Chemical Engineering

SAMUEL J. WINTERBERG, B. S.
"Sammy" Λ Σ Κ
Tech—Civil Engineering

C. U. S. C. Delegate, '22, '23, '25; Interclass Basketball, '22, '23, '25, '26; Chairman Junior Prom, '25; Chairman Senior Dinner, '26; Chairman Senior Dance, '26.



Architecture, 1926

CHARLES R. LOTARIUS

President
CHARLES R. LOTARIUS

Vice-President
RAYMOND SUAREZ

Secretary
ARTHUR BROWN

Treasurer
FRANK WISE

THE first leaves of the book of our lives are about to be uncovered, as we are starting in the shaping of our careers. The few incidents which are narrated here are mere trifles in our future destinies, yet they have been effective in the bonding of friendship among the classmates at Cooper Union.

In the fall of 1922 a group of ambitious students entered the halls of Cooper to pave their way to fame in the Architectural field. Friendships were formed and studies were soon started.

Athletics early entered into the class life, football, basketball, baseball, swimming and track becoming items of keen interest. Naturally a few leaders appeared and urged the others onward. Thus the first year fled swiftly by.

After a restful vacation, studies commenced again, the class spirit being stronger than ever. Class teams were formed in all athletics, especially in basketball. Although our basketball team did not take the championship, they were the last to fall before the victors. Again the year had passed and we received another deserved vacation.

As Juniors the classwork was more difficult, but more interesting. The Junior Prom was held and it was indeed an affair never to be forgotten.

In the fourth and final year at Cooper we were more active than ever. Our Senior Dance exceeded all expectations. Plans are under way for a theatre party and dinner as a fitting climax to our four years of comradeship at Cooper.

As a last word, let us hope that until the final pages of our lives have been turned, we shall strive to do credit to the institution that started us on our way—our Cooper Union.

THE HISTORIAN.

Life Class, 1926

President
NICHOLAS R. MAURO

Vice-President and Secretary
JOSEPH GOLDSTEIN

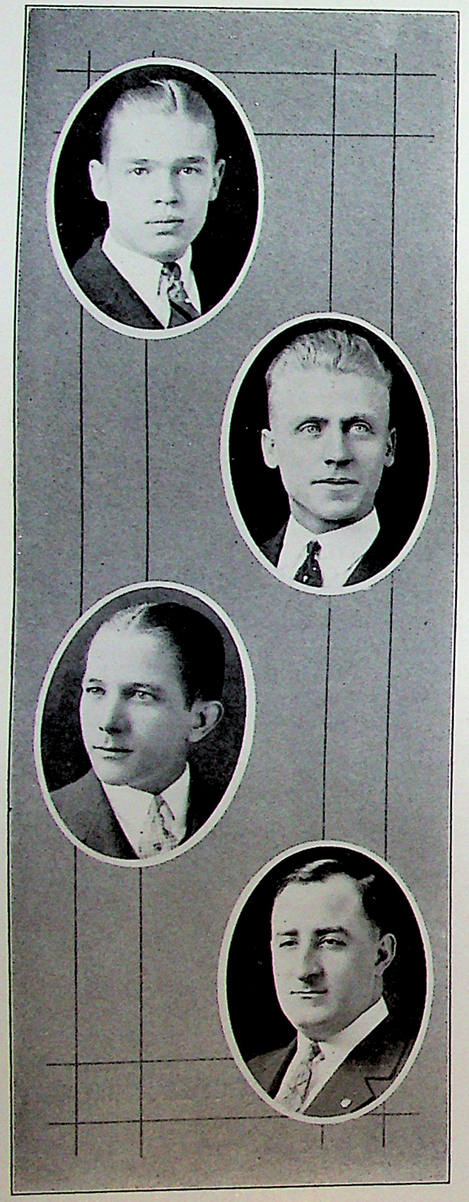
Treasurer
GUSTAV SCHEFFEL

NICHOLAS R. MAURO

OUR dreams at last are ended-dreams which we harbored for four long years. The numerous obstacles have been surmounted, the trials and tribulations which were strewn across our path, have been outlasted and now this glorious end-Seniorhood. As we look back over the four years spent at our Alma Mater, we can again visualize those days of toil and yet of infinite pleasure. Our Freshman year in which friends were few and in which we looked up to the Senior with that profound feeling of awe. With open mouths we wondered how they were able to extricate themselves from the intricacies in which we had been plunged. Then our first taste of the great as Sophomores and later as Juniors. Now we ourselves are Seniors, the four long years have flown surprisingly fast and we can but hope that Father Time has not made them inconspicuous. During that period we achieved more than one goal-primarily among these being the representation of the class as individuals.

Now that we are about to leave our Alma Mater and the faculty which has striven so hard and earnestly to give us knowledge, something is awakened in us. The realization comes that they shall ever be woven into our memories, into our lives. We cannot help but remember them, and we shall endeavor to assume the confidence and personality which they have reflected upon us. With that thought in mind, the Senior bids you farewell, promising an everlasting remembrance of Cooper Union, his Alma Mater, of its professors, those men endowed with a wealth of experience, whose teachings have inspired us in the study of our great aim—Art.

THE HISTORIAN.



ARTHUR L. BROWN
"Artie" Φ Ω A
Architecture

Class Secretary, '25, '26; I. C. B. B., '24, '25, '26.

RICHARD T. CARROLL
"Dick" Φ Ω A
Architecture

Class President, '23, '24, '25; Treasurer Students Council, '25; Winner First Prize in Estimating, '25; A. O. Class Representative, '25; Newman Club.

RAYMOND DAVILA
"Ray"
Architecture

JOHN N. DONNELLY
"Don"
Architecture

JAMES J. FINNERTY
"Jimmie" Φ Ω A
Architecture

I. C. B. B. Team, '26; Pioneer Representative, '26; Newman Club; Class Secretary, '23.

SAM FISHER
"Sammy"
Architecture

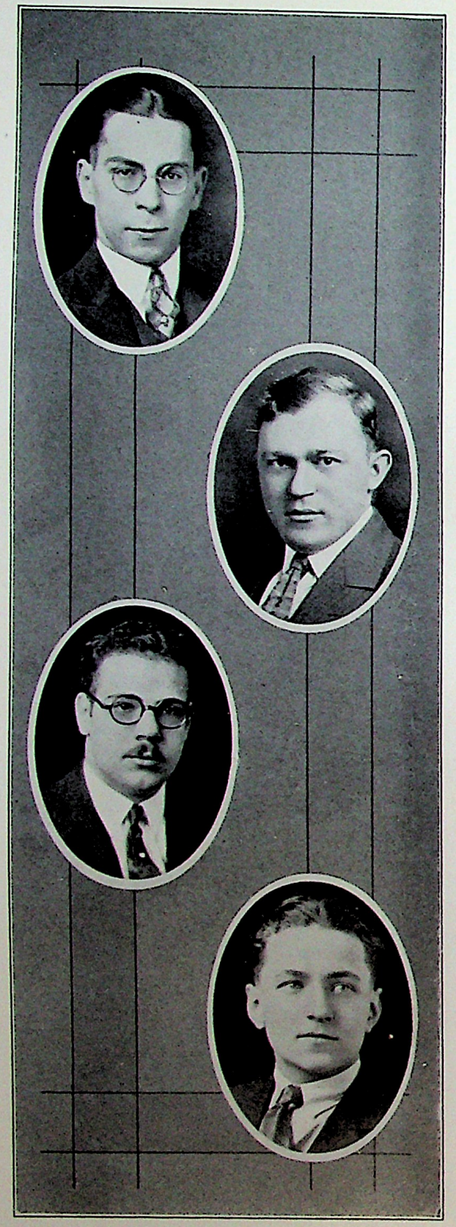
Committee Class Affair, '26.

JOHN L. FORTANAS
"Johnny" Φ Ω A
Architecture

Class Treasurer, '25; Winner Third Prize, '25.

HYMAN GITTLEMAN
"Hy" Φ Ω A
Architecture

I. C. B. B. Team, '24, '25, '26; Pioneer Representative, '25.



JOSEPH J. KOVACSEVICS
"Kovac"
Architecture
Class Secretary, '24.

SIGMUND LEDER
"Red"
Architecture
Class Vice-President, '23.

FRANK LOMBRITTO
"Hank"
Architecture

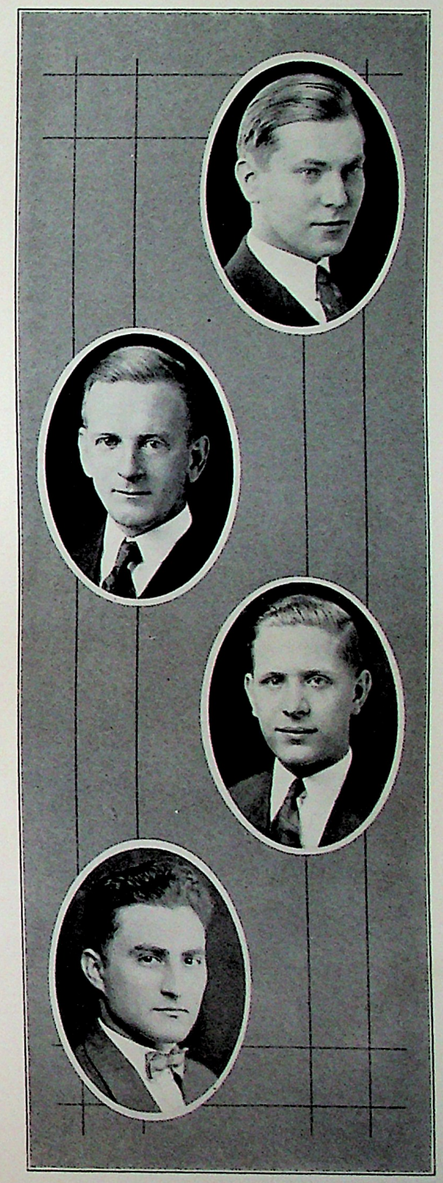
CHARLES R. LOTARIUS
"Bob" Φ Ω A
Architecture
Class President, '26; President Art Students Council, '26; Associate Editor Cable, '25; Junior Prom Committee, '25; Senior Dance Committee, '26; Junior Varsity Basketball, '26; I. C. B. B. Team, '24, '25, '26.

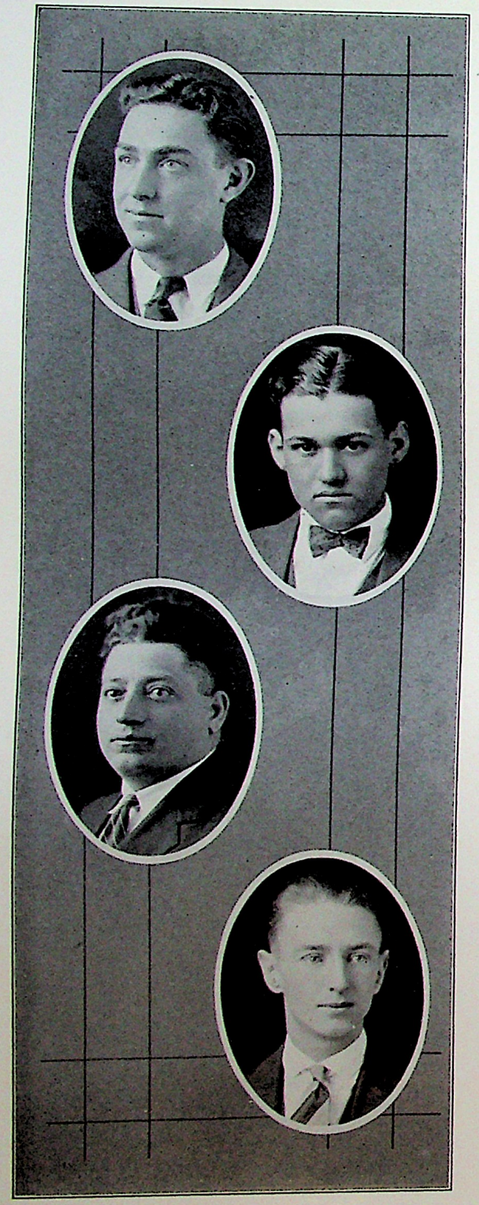
WILLIAM A. MAACK
"Bill" Φ Ω A
Architecture
Newman Club.

ALPHONSUS L. O'BRIEN
"Al" Φ Ω A
Architecture
Winner First Prize, '24; Winner Second Prize, '25; Newman Club.

ALFRED PFEUFER
"Al"
Architecture
Class Vice-President, '24.

THOMAS BROWN, B. S.
Electrical Engineering
Boxing, '21, '22; C. U. S. L. Delegate, '22, '23, '24; Chairman Founders Day Committee, '24; Class Basketball, '24; Member C. U. Branch A. I. E. E.





ALBERT SIGLER
"Al" Φ Ω A
Architecture

Class Vice-President, '25; Executive Member Cable, '25; Winner First and Second Prizes, '25; Pioneer Representative, '23.

RAYMOND SUAREZ
"Ray"
Architecture

Wearer of Football "C", '25, '26; Wearer of Basketball "C", '26, "B. B. C.", '24, '25; Wearer of Baseball "C", '23; Class Vice-President, '26; Vice-President A. O., '26; Captain Basketball Varsity Team, '26; Committee I. C. B. B. Tournament; I. C. B. B. Team, '24, '25, '26; Varsity Club.

MICHAEL TRONGONE
"Mike"
Architecture

FRANK WISE
"Frank" Φ Ω A
Architecture

Class Treasurer, '26; Football Varsity Team, '25, '26; I. C. B. B. Team, '24, '25, '26; Committee Class Affair, '26.

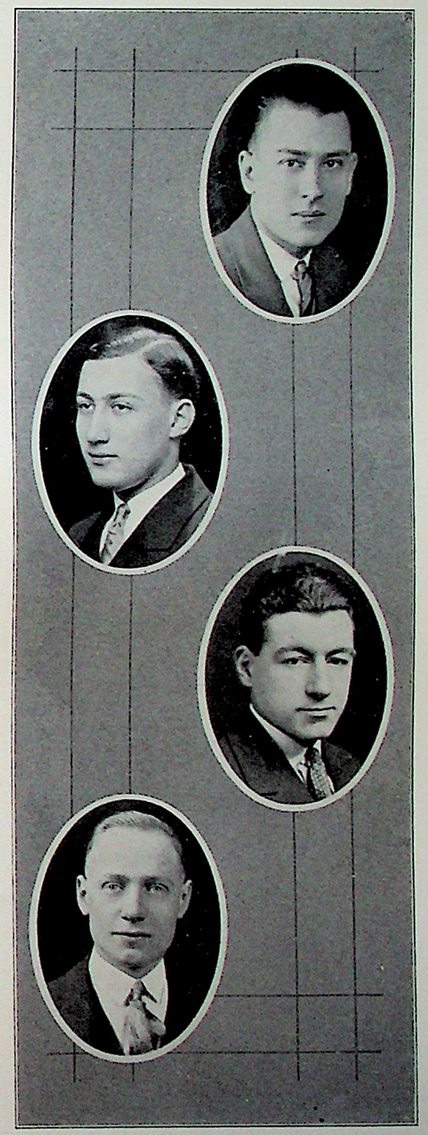
WILLIAM J. BRAND
"Bran"
Life Class
Newman Club.

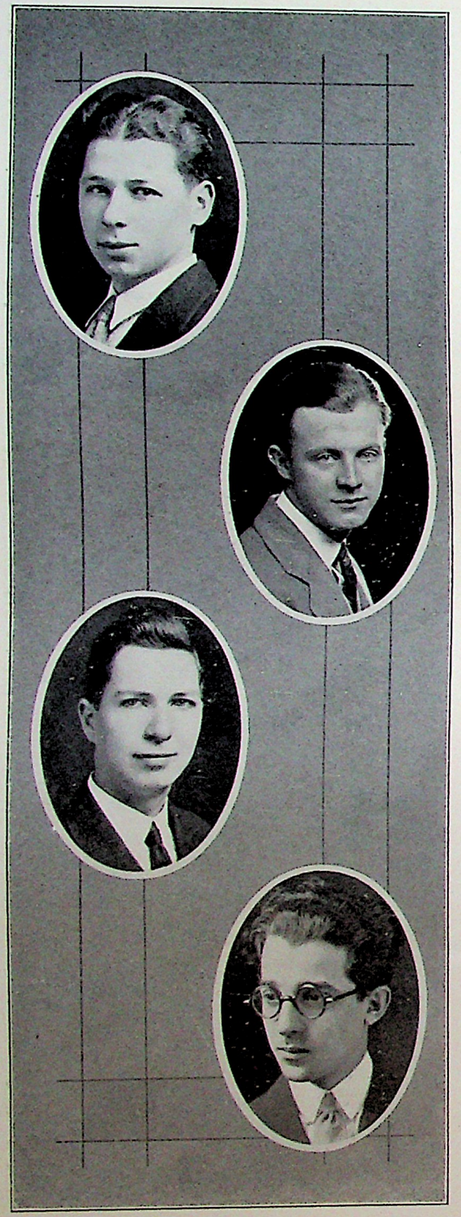
ALEXANDER COOPER
"Alex"
Life Class

AUGUSTUS EPIFANIA
"Eppie"
Life Class

Students League Delegate, '21, '22, '23; Manager Swimming Team, '23, '24; Swimming Team, '21, '22, '23; Track Team, '24; Varsity Football, '22, '23, '24, '25; Asst. Class Cable Rep., '26; Varsity Club; Newman Club; Field Day Committee, '26.

JCHN E. FANSEL
"Jawn"
Life Class





JOSEPH GOLDSTEIN
"Goldy"
Life Class

Class Vice-President and Secretary, '26; First Prize Antique Drawing, '25.

HARRY HOLLOWAY
"Hollo"
Life Class

CLAYTON HOAGLAND
"Clay"
Life Class

HYMAN J. LIEBER
"Hy"
Life Class

JOSEPH V. LOMBARDO
"Josef"
Life Class

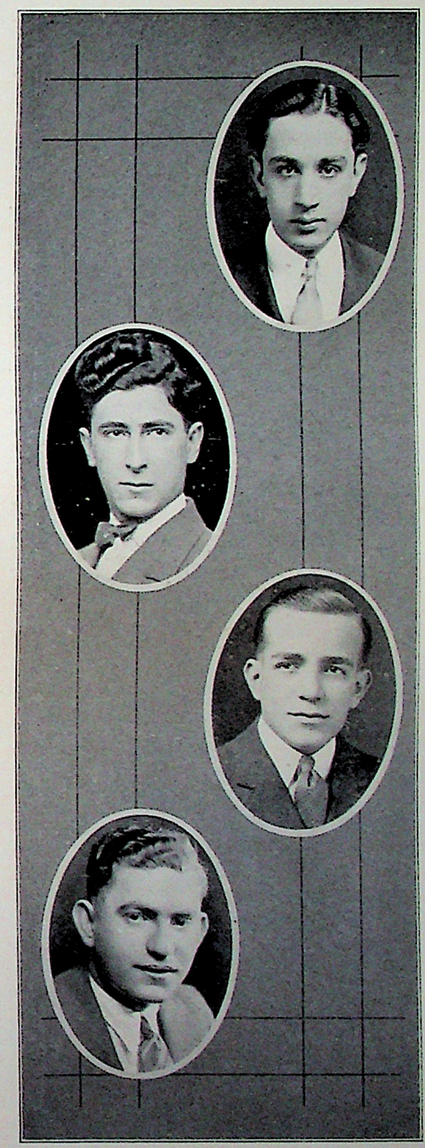
Varsity Football, '25; Interclass Basketball, '26; Class Cable Representative, '26; Varsity Club; Newman Club; Committee on School Keys, '26.

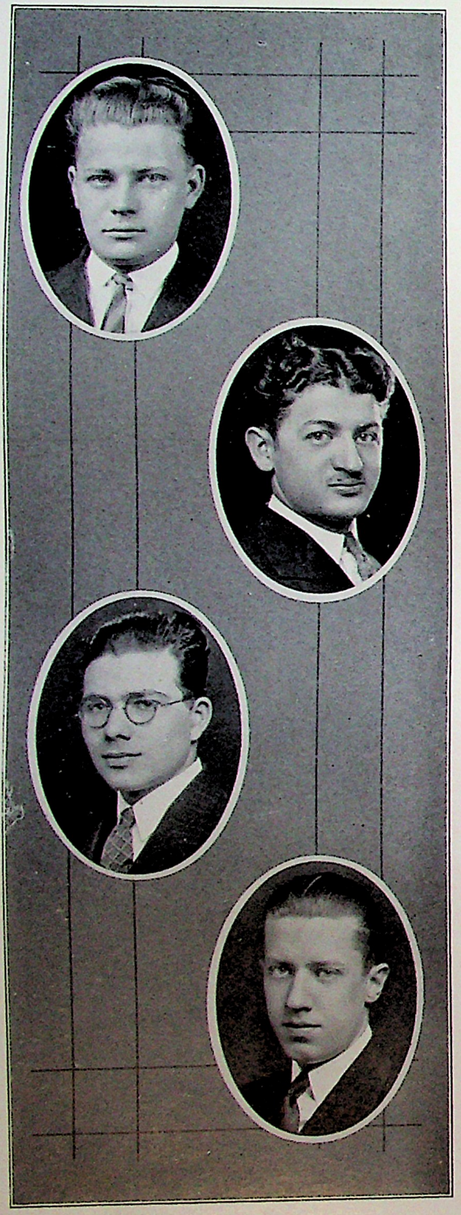
SIDNEY MARCUS
"Sid"
Life Class

NICHOLAS R. MAURO
"Nick"
Life Class

Students League Delegate, '22, '23; Class Treasurer, '24; Asst. Manager of Swimming Team, '23; Varsity Football, '24; Class Secretary, '25; Class President, '26; Interclass Basketball, '26; Annual Entertainment Committee, '26; Newman Club; Varsity Club.

WILLIAM PELILSKY
"Red"
Life Class





GUSTAV A. SCHEFFEL
"Gus"
Life Class

Students League Delegate, '22; Class A. O. Representative, '22; Pioneer Delegate, '23; Class Cable Representative, '25; Class President, '25; Class Treasurer, '26; Newman Club.

LOUIS SILVERSTEIN
"Silvi"
Life Class

SAUL WEIL
"Sol"
Life Class

FRANK J. WEINER
"Frank"
Life Class

Interclass Basketball, '26; Class A. O. Representative.

Chemistry, 1927

H. M. CARTER

President
H. M. CARTER

Vice-President
JOSEPH F. CONNOLLY

Secretary-Treasurer
JOHN M. CEGLOWSKI

FIVE long years ago, thirty enthusiastic aspirants for the degree in Chemistry were admitted to the portals of Cooper. Joe Connolly up and spoke and was duly elected our first president. Things went along merrily until the end of the year, when we celebrated with our first annual dinner at Keen's Chop House.

Fifteen lucky men returned at the beginning of the second year. With Ceglowski at the helm, the Ship of State continued merrily onward. Members of the class became more active in the social and athletic activities of the school. The second annual dinner at the Port Arthur wound up a very eventful year.

Thirteen, of whom nine were of the original thirty, returned in the fall at the beginning of the third year. Kaiser was elected President. The activities of the class, as a whole, continued to progress under his very able guidance. It was during this year that Kaiser became famous for his nightly speech, "We'll hold another class meeting to-night,"—these meetings being held almost every night.

The fourth year found the class dwindled down to eight, five of whom participated actively in Cooper activities. At the close of the year, President Ceglowski and his classmates "took in" Louis the XIV, which was thoroughly enjoyed by those present.

Two additions to the class membership brought the number up to ten at the beginning of the fifth year. Carter, who was elected President, has been working diligently to keep the class up to the high standard of previous years.

THE HISTORIAN.

Electrical Engineering, 1927

President
ARTHUR CORNISH

Vice-President
FRANK MCENANEY

Secretary
HAROLD F. MAY

Treasurer
ROBERT EINICKE

ARTHUR CORNISH

HARK ye! the Junior speaks.

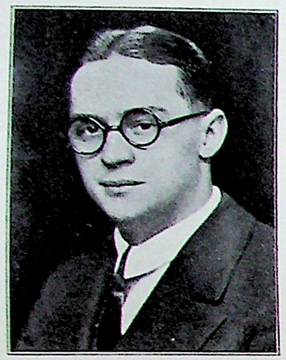
The time draws near when E. E. '27 must bid adieu to Juniorship. We have sported this title for a year or more, the time varying inversely as the intellect. We, embryo Edisons, have been busier than buck privates at mess call trying to keep up with differentials and D. C. Laboratory, but withal, we managed to take a very active part in Cooper's social whirl. In February, the St. Regis was honored by our presence at the Junior Prom. At this gala affair, the Juniors made new acquaintances and renewed old ones, which will not be forgotten for many years to come. Incidentally, the affairs was an entire success in its chief purpose, which was to appease our fair sex coupanions for previous desertions during the year.

Neither have we been lax in sports as is indicated by the fact that E. E. '27 was a potent contender in the interclass basketball tournament and has always been active in defending Cooper's name upon the field against rival colleges.

As a fitting climax of our activities, we have spent countless hours upon this, your book. If any of you had walked past Room 26 in the wee small morning hours you would have seen martyrs to the cause of CABLE, endeavoring to turn out one of the best year books ever published, at the expense of paste pot and blue pencil. We hope we have succeeded.

THE HISTORIAN.

General Science, 1927



FRANK G. COSMEN

President
FRANK G. COSMEN

Vice-President
PERCY J. MANNING

Treasurer
GORDON G. SKAU

Secretary
WILLIAM PETERSEN

AT last our Junior year has ended, but like all things, memories remain. Four long years have we studied, and our Senior year is just ahead.

These memories recall events and friendships of the past and give back to us those years which are gone forever. The future we do not know—but the past—ah! How well we recall our Freshman year. Unsophisticated youths who blossomed forth for that Freshman banquet at Shanley's—what a time we had! When we snake danced up Broadway at 2 a. m.—'nuff said.

How serene we were as Sophs. Studying along, perhaps numbering a few less, but with spirits soaring high. A stag dinner and theatre party was the year's finale.

And then our third year. This year saw three events, all with our lady friends. During the Christmas holidays, we saw Eddie Cantor in "Kid Boots," and dined at "the Rajah" afterwards. The second affair was another theatre party to see Leon Erroll in "Louis XIV." The "Hollywood" was the scene of the evening's banquet. And our final event came at the close of the school year, in the form of a yachting party on Long Island sound—deep waters, beautiful moonlight and a girl. Oh boy!

And as haughty Juniors, long will the recollections remain. We had but one social event, the event of all times, our Junior Promenade. Entrancing music, beautiful gowns and girls, the spotlight and the hotel St. Regis. Truly a Prom! This CABLE was published with the aid of class members, who assisted both editorially and in a business capacity.

And now we will close having said all our say, looking forward to our last entry into Cooper, as mighty Seniors.

THE HISTORIAN.

Institute of Technology, 1927

President
SYDNEY HELPRIN

Vice-President
CARLYLE MILLER

Secretary
FRED COCHRANE

Treasurer
DOUGLAS Y. SMITH

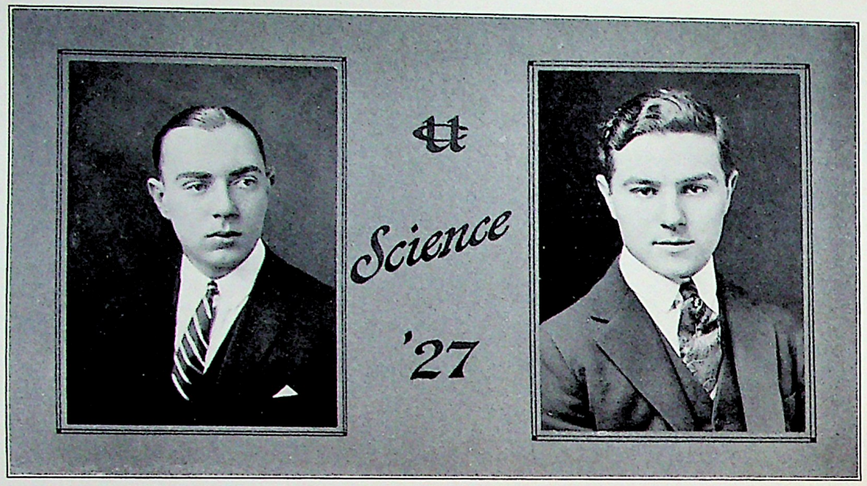
SYDNEY HELPRIN

IN the fall of the year 1923, about 150 ambitious young men in pursuit of greater knowledge entered Cooper Union. But, in the course of events, many things happened which caused the class to decrease in number, to a mere handful at the beginning of the Junior year, and it is at this point that we are prepared to give a brief outline of the various activities.

Shortly after the term began, a class meeting was held and it was decided to hold the traditional "Junior Prom.", an affair at which Juniors enjoy themselves to their hearts' content before assuming the dignified title of Seniors. One of the next topics to be discussed, and without a doubt, the most important one—is the publication of the year book of which this page is a part. Under the skillful direction of the Junior classes, and with the help of every student in the school, it has been possible to make this undertaking a brilliant success.

Still another noteworthy accomplishment, the credit of which belongs to the Electrical Engineering section, is the establishment of a student branch of the American Institute of Electrical Engineers. Much thanks is due the faculty for promoting the student interest and for its valuable assistance in this achievement.

Among some of the other activities participated in during the year were hikes, skating parties, dinners, educational tours, and athletics. Here's hoping that the final year of our school career will be as interesting and enjoyable as the previous ones have been.



HAMILTON LEE ADAMS

"Ham"

General Science, C. E.

MR. HAMILTON LEE ADAMS, "Ham," the plantation owner of the state of peaches and baseball players, is the personification of college ideals. He looks nice to the girls, chummy to the boys, clever to the profs. and good to his mother.

Before taking up engineering at Cooper, Ham studied at Georgia Tech. Reasen for leaving unknown. Adams carries the fine air of the picturesque southern gentleman of the younger class and is envied by many of his classmates for his finesse and polished manners. Ham isn't seen much around Cooper because he chooses his friends from a very select circle. Those who know him, however, know him well. He keeps no secrets from his close associates. Honest, we like him.

AUGESTE M. ANZIDEI

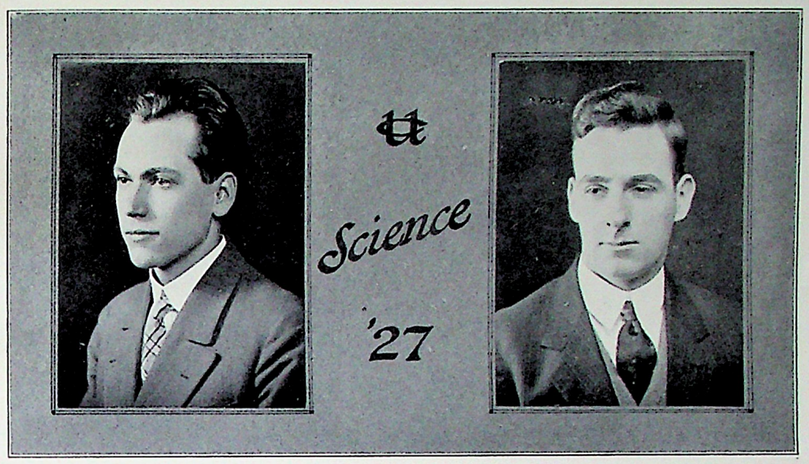
"Anzie"

General Science, M. E.

AS the Irishman said he's little but he's not small.

Despite his diminutive stature, Anzie is liberally endowed with a good share of the gray stuff. He can derive the isothermal and adiabatic equations without once coming up for air, and his knowledge of gears and their ramifications is most complete.

The story is told that on one occasion the class was groping for a solution of a particularly knotty problem. Anzie came breezing in and the problem was presented to him. In just two minutes he had the solution. You won't grow bigger, Anzie, but we'll love you just the same.



JOHN ARMBRUSTER

"Jack"

General Science, M. E.

DURING his four years at Cooper, Jack has made himself very conspicuous by his quietness. While we are wondering whether we have a future tSeinmetz or Einstein in our midst, he studies and studies —on his way to school, on his way home, everywhere. He would not tell us how many times a week he skips the station, while trying to fathom the deep philosophies of science. However, there have been rumors that another subject infinitely more complex and intricate than any science steals some of his valuable time set aside for study.

SIDNEY ARNOLD

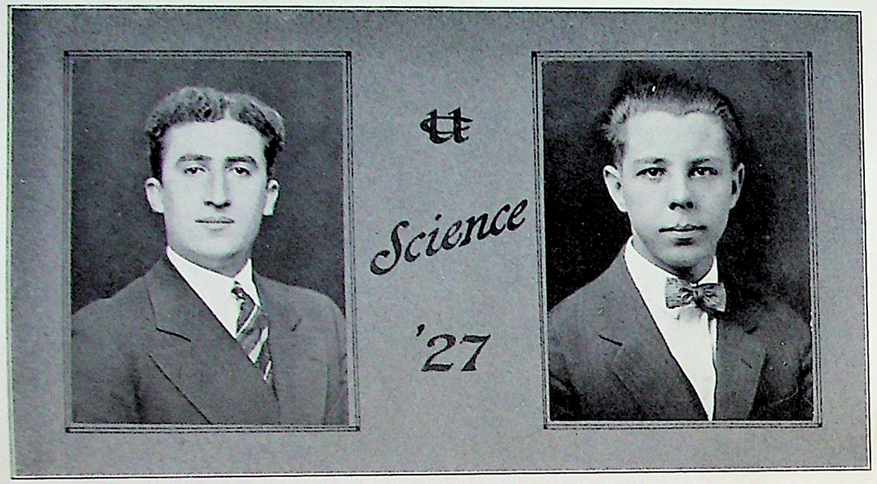
"Sir Sid"

Chemistry

SID has been concocting drugs and burning Bunsen burners so long that it has become part of his nature.

He is an ardent radio fan, in fact he is exploiting the use of mercury filled vacuum tubes with eleven elements. To date he has only blown up fifty tubes. Never mind, Sid, everything comes to those who wait (if they wait long enough). Methusaleh waited a thousand years!

What we want to know is whether there is truth in the rumor that Sid has popped the question. We wonder whether she agreed to take the radio too. More power to you, Sid, and many of them.



BARONIG BARONIGIAN

"Jaseph"

Electrical Engineering

BARONIG may be called our hatless boy friend. For, unless the mercury be extremely low or the H20 excessive, this playmate of ours may be seen bareheaded.

Baronig can explain most of the phenomena encountered in the laboratory and after the fifth or sixth explanation, the collection makes a very nice serial story suitable for publication in the "Ladies' Home Journal" of the "Daily Warheit."

His pet diversion is singing Christmas carols while peeling onions for hash. This peculiar procedure, it is said, lends effect to the sitation, since real tears may be seen to stream down the performer's physiognomy.

WILLIAM C. BECKMANN

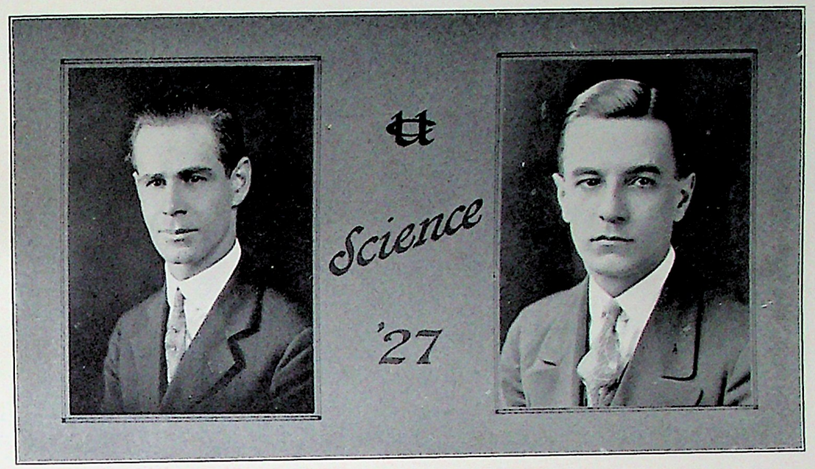
"Beckie"

Electrical Engineering

LOOK for the red end of a Between-the-Acts little cigar and on the other end you'll find all of the foling: William Carl Beckmann.

At times one would think that the Newark Bay Meadows were burning, but further investigation will show that the anaemic cigar has been replaced by a pipe that must be chained to the owner's ankle.

We think Bill has a tin ear, because in class, all that is heard is Bill's three stage amplifier broadcasting, "Louder," "Can't hear 'em." Finally, the reciter informs the instructor of the fact that he has a bad cold and can't speak any louder. So that in the end, Bill must study it for himself, instead of being told the answer.



FREDERICK T. BROWN

"Ferdie"

General Science, C. E.

FERDIE is the delight of the Prof's heart. He is the only one in the class who actually loves to study. And study? He's always one chapter ahead of the class. The class is assigned five problems in homework, and Ferdie will come in with fifteen instead. Hei s a wonder. But you can't blame a chap if he studies. Aside from the fact that he is of Scotch descent, Ferdie is a real nice boy.

Asking him why the hurry on Wednesdays, he up and told us the whole blamed truth. Yes, fellows, it's true. He is engaged.

HORACE M. CARTER

"Nick"

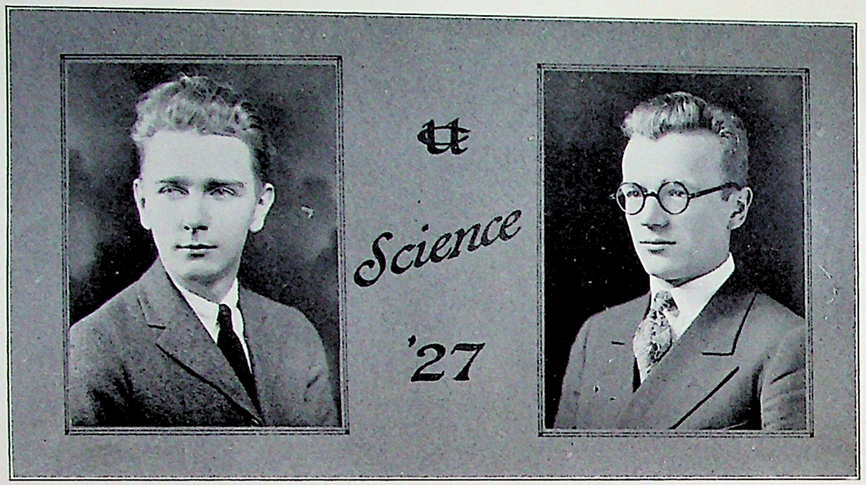
Chemistry

WHO hasn't heard of "Carter's Little Liver Pills"? Carrying the monicker he does, it is no wonder that he is pursuing the study of chemicals.

A graduate of the Albany College ot Pharmacy, he came to Cooper to win more laurels.

He came, he saw but did he conquer? Ask dad, he knows. We understand that Nicks' early aim was to become a horticulturist (Latin for farmer) but when he reached the age of discretion, he saw the wonderful possibilities of pills. And what a noble choice it was!

Pursuing the various studies that Nick has, it is hard to foretell his future, but we certainly wish him success.



VINCENT E. CASSIDY

"Vince"

Electrical Engineering

His name was Vincent Cassidy,
And he wished that he was an E. E.,
So he says to himself, he says, says he,
To Cooper Union I'll send me.

So in the fall of twenty-two,
Into Cooper Hall he blew,
And his examinations slew,
'Cause two and two made four he knew.

A junior's title Vince now sports,
A result of struggling with reports,
And answering questions with retorts,
"An' so's your Uncle Herbie."

JOHN M. CEGLOWSKI

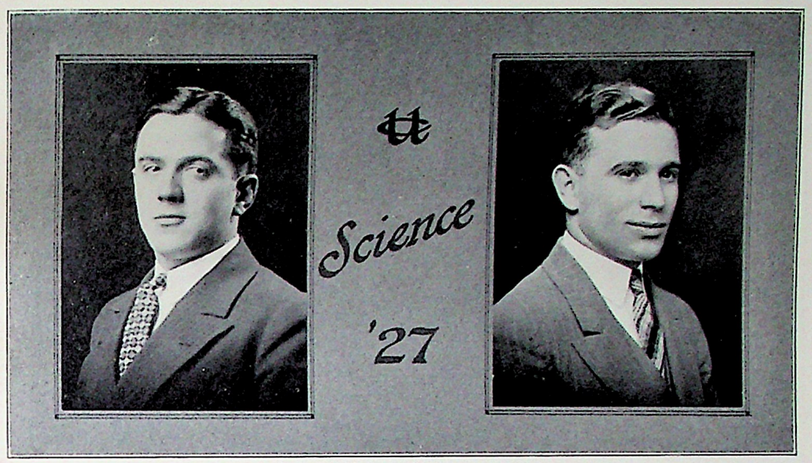
"Ski" Σ T P

Chemistry

"ADVERTISING is the backbone of industry." Thus speaks John, the financial genius, who would make Owen D. Young look like a backway beachcomber, in comparison (see Cable or Pioneer).

John is the "Hail, fellow, well met" type who walks right up and shakes the iron hand of fate (even of the Dean), and gets away with it!

His most popular position on the Pioneer is that of self-appointed refreshment committee of one, and he always has two or three pounds of candy hidden about his person. This habit, combined with the fact that he has a flivver sedan and a very fickle nature, make him a fine target, and he never can decide which one shall be "Una." Well, we fear the worst—he may be a potential Brigham Young.



SOLOMON CHESLER

"Precisely"

General Science, C. E.

"WHO'S that walking down the street,
With those great big hob-nailed feet—

Why, Precisely, of course. Precisely, we must hasten to explain received his unique, and no doubt, original nick-name, through his continual use of the word "precisely." Instead of saying "yes," or something to that effect, whenever this young man wishes to express himself in the affirmative, he does so with one word,—"Precisely."

Precisely arrives at school attired in his working togs. (These consist mainly of a huge pair of boots that dwarf the remainder of his person by comparison and fill us with awe by virtue of their majestic magnitude). In order to know what the well-dressed field engineer will wear, it is only necessary to keep an eye on Precisely.

FRANK P. COLISANTI

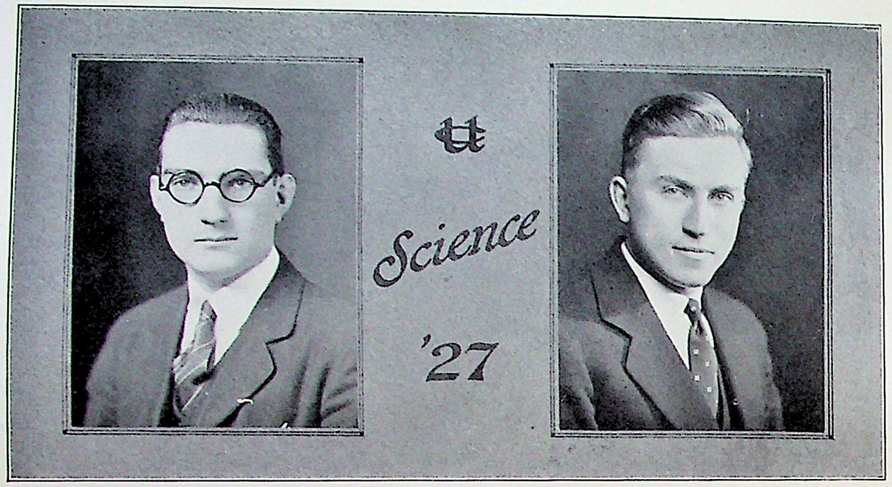
"Peat"

General Science, C. E.

"PEAT would never tell us if his middle name was Patrick, Peter, of Pluvius. So we labeled him "Peat."

Although studying to be a Civil Engineer, we feel that "Peat" made a great mistake. His life work should have been Physics. "Peat" takes the prize for getting a "Please report" in Physics Lab., and on account of this fact, he knows so much today. What say, Peat?

At the Junior Prom, Peat showed us that he knew a few things about the Terpsichorean art. The little "Five foot two, eyes of blue" he had certainly showed his taste in the beautiful things of life, and this is the second year we have seen her! Wedding bells, Peat?



JOSEPH F. CONNELLY

"Connie" Ω Δ Φ

Chemistry

CONNIE is one of the best liked men in his class. His popularity has made him the recipient of many high offices in the various organizations of Cooper Union.

Recently, he has made his home on Long Island and as the saying goes, he is now a "great-necker." Connolly has shown great ability and interest in his chosen profession, chemistry. His hobby, however, is the reading of Alexander Hamilton's "Business Ethics," of which he is already a master. As a reward for his great efforts, we can only hope that he will become the chief chemist of the United States Rubber Co.

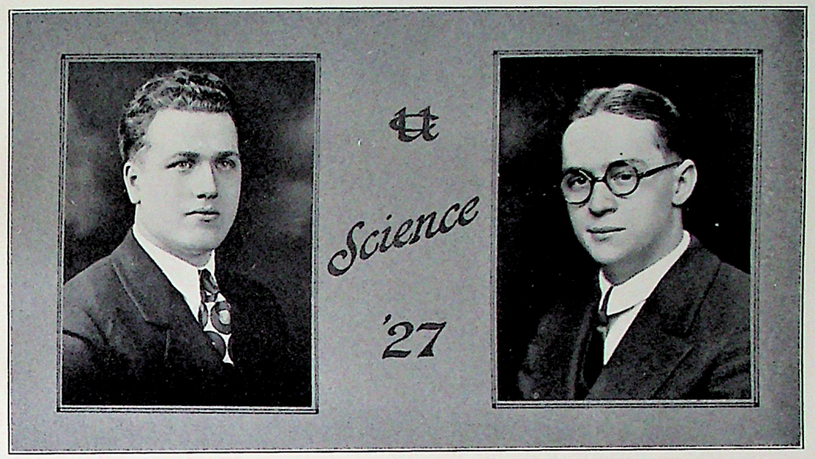
RUDOLPH COOK

"Rudy"

General Science, C. E.

AS Caesar came to Gaul, so came Rudy to Cooper. He had spent two years at Stevens Institute when he heard of our conflicts on the battlefields of science, so he came to our Alma Mater to conquer. Relativity is credited to Einstein and Darwin claims the monkey, but to Rudy belongs the greatest discovery of the present age. Ask him the reason for vestibules and dim lights. This discovery was made most unexpectedly and under the most enviable circumstances, so it is said.

Rudy, incidentally, hails from the Bronx, which he claims to be one of the best laid out communities in the nation. We wish him success and feel that he will attain it.



ARTHUR H. CORNISH

"Half-pint" Ω Δ Φ

Electrical Engineering

PHYSICALLY, Artie measures exactly a milkman's half-pint. He's such a delicate child, having a longitude of 6′ 3″ on his uppers and a latitude of 230 pounds in the showers.

We don't know why he came to Cooper, because after seeing him perform every night before class for the last four years, we are convinced that he would be a bigger sucess as one of these animated figure advertisements in the store windows.

Artie is the class athlete: football and track. In football, he makes a good bunker on a golf course. In track, he puts the shot out of reach of the officials. Not being able to find the chunk of iron immediately, they award our little playmate the gold-plated medal.

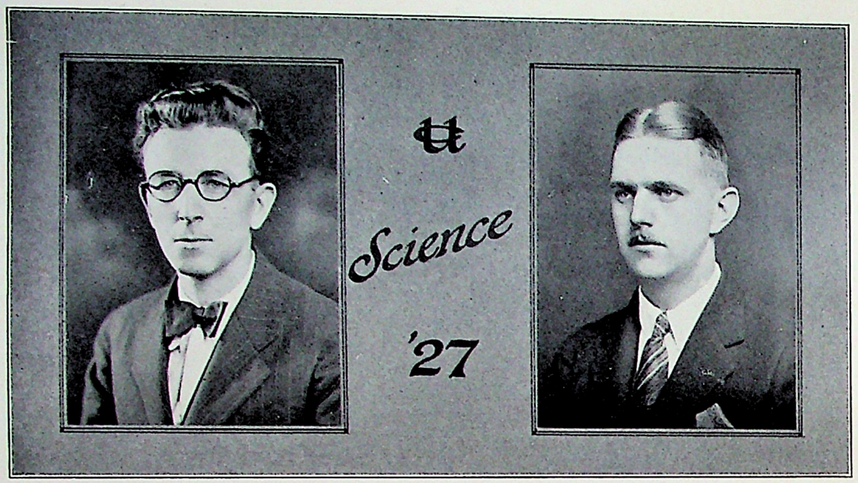
FRANK G. COSMEN

"Cos"

General Science, C. E.

EVERY man, it is said, posseses a dual personality and in this respect "Cos" is no exception. It would be hopeless to tell about Frank's escapades while laboring under the dictates of his lighter hearted personality. Lack of space prohibits such a description. But of his serious side—well that won't take long.

"Cos" has shown himself an able literary man. He talks, waves his arms in wild gesticulations and then sits down breathing hard over his exhaustive efforts. Such traits surely indicate great editorial ability. And Frank refuses to let pleasure interfere with his scholastic standing. He made the unprecedented record of rating two A's in one week off Prof. Williams. That, dear reader, is the sum total of his serious vein. As for his other personality, look at his countenance and use your imagination.



WILLIAM CRITCHLEY

"Ahem"

Electrical Engineering

BILL, the famous sales expert, was selected by his classmates to extract their spare simoleons as consideration for this publication.

Immediately after accepting the appointment, he proceeded to purchase a few gentle persuaders which included four bludgeons, a recuperating howitzer and an oversized razor. With these fair implements and a line of sales talk, he set to work. After many a tumultous struggle and no end of hardship, he emerged triumphantly with enough subscriptions to paper the Madison Square Garden roof, walls, and floor.

Although most of the students fall for his line, Mr. Hamdi doesn't. Mr. Hamdi once wrote in Bill's report book, "You have developed an extraordinary ability for beating about the bush." Well put, we think.

BERTIL P. DAHLSTROM

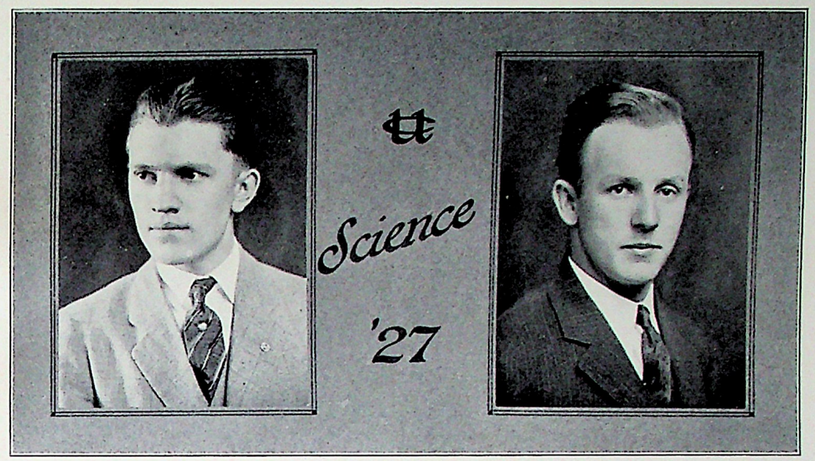
"Bert" Β Θ Π

General Science, M. E.

FROM St. Lawrence University, where he made an enviable record, Bert comes to win fresh laurels. He is adding to his title of chemist that of engineer.

He is another proof of the theory that a man can be a good student and at the same time assume an active part in social activities. His ability as a social organizer and leader is on a par with his scholastic record. The success of the Junior Prom, considered by many the most colorful in years, stands out as his principal achievement of the year.

The girls will probably agree that he is handsome. But we are quite certain that his affection has already found a permanent abode, and, boy, she is some girl.



ROBERT G. EINICKE

"Politician"

Electrical Engineering

BOB is the class office-holder. He doesn't feel right if he doesn't have some meeting to attend after school. He was our president for two years and this year, before election, he told us he would be our treasurer. One can see that he is gradually improving in the nature of the office he picks for himself. Bob's latest plunge into extra curriculum work has been with the Cable as circulation manager. When he has completed his term, we believe he will be a first rate salesman. One can easily picture Bob selling stainless and stingless iodine or introducing new fashioned collars which won't wilt, warp, wrinkle or wither in the wettest weather. That's just about his line.

CORNELIUS T. FORD

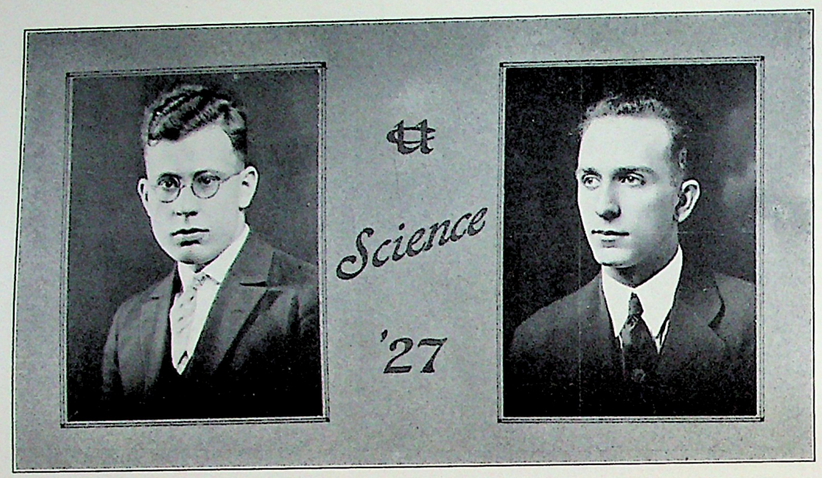
"Flivvers"

General Science, C. E.

FLIVVVERS came to us in the third year from the U. S. Coast Guard Academy at New London, Conn. Although holding a license to sail the oceans, his latest desire is to become an engineer.

"Fliv" hails from Savannah, Georgia, which accounts for his southern drawl, and also for his being a connoisseur of pipes. If rumors are correct, there is a blue-eyed "Georgia Peach" awaiting him on a plantation "down thar." More power to you, "Cornee," and lots of luck to you. Boy—page the minister.

Being way up no'th, Fliv finds time to cater to Broadway night life. And his specialty seems to be school teachers. Now, is that being true to her, Townsend?



GEORGE FOY

"George"

Electrical Engineering

GEORGE is the quiet unobtrusive kind, not the one to push forward into the glare of the limelight.

From one of his friends, we learn that on a recent visit to the Brooklyn Navy Yard, George became so interested in the intricacies of the machinery of a battleship that he decided then and there to become a naval engineer. The problem of lubrication so engrossed him that, unmindful of his best suit, he proceeded to closely examine a force feed system. His clothes were ruined; but he got an idea and, after all, what is a suit of clothes compared with an idea?

Knowing him as we do, we feel that he will succeed in his chosen profession.

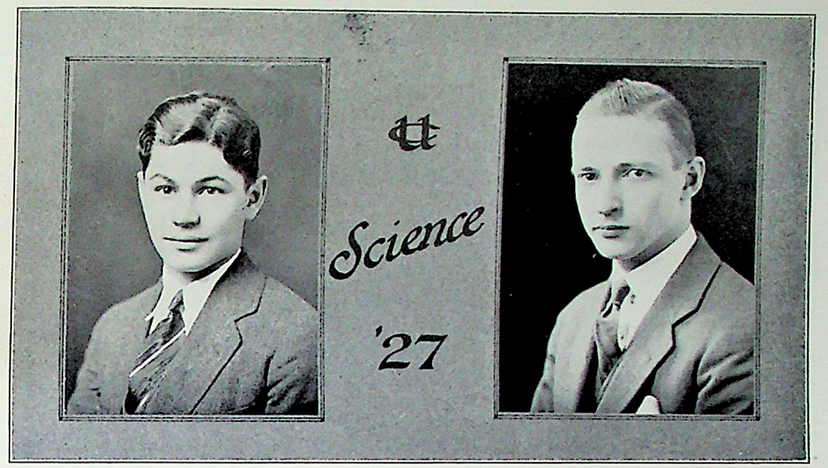
JOHN J. GEMELLI

"Jim"

Electrical Engineering

THE boys call this fellow Jim. Jim is one of the few young men who do not want to become President of the United States. He has two reasons for this attitude. First, the job doesn't pay enough and second, there is not enough work to do. As soon as this became known, Jim was hired as Business Manager of the "Cable" with the usual magnificent salary and enough work and worry to keep even Jim busy. In fact, he worries so much that his hair is falling out.

Jim spends most of his spare time in the open, making little ones out of big ones; logs! It is rumored that he must keep in trim with an ax to keep members of the fair sex away.



GERALD GLASER

"Jerry"

General Science, C. E.

INTRODUCING Jerry, a one-woman man from the great open spaces, known to his fellow students by his famous slogan,—"Buy a Cable." This young man is fast becoming an adept at the art of persuading us to come across, and some day, no doubt, he will blossom forth as a high power salesman, selling pots and pans on the sidewalks of New York.

Jerry is also a connoisseur of pipes. Any evening, just before classes begin, he can be seen at the campus restaurant, on the other side of the "L", puffing peacefully away on one of his incinerators.

However, when he is not selling something, Jerry is more or less of a quiet fellow with a pleasant manner, which makes him one of the most popular men in the class.

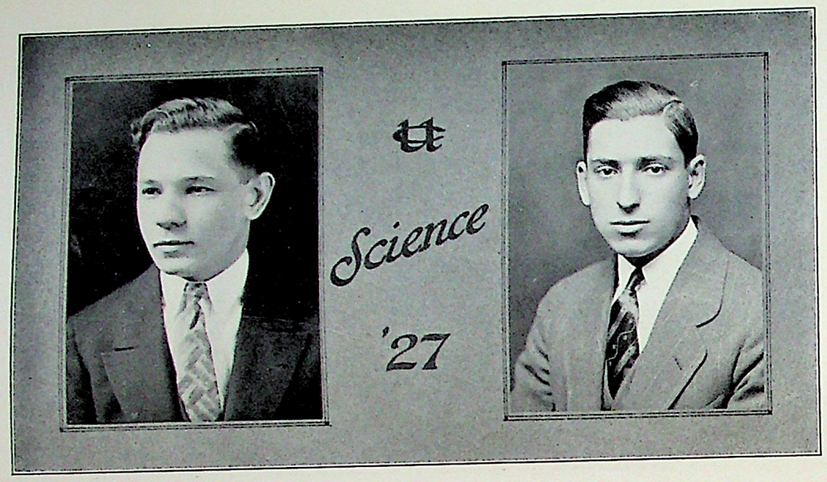
GUSTAVE GOTTRON

"Gus" Ω Δ Φ

Electrical Engineering

IT is our honest belief that Gus was put on this earth for the sole purpose of telling other people how to do things. Gus can tell you how to paper the wall, fix the sink, or how to fry eggs—but he can't tell you how to solve differential equations. That's his one shortcoming.

Among Gottron's many accomplishments is his ability to perform interpretative dances. In the ballroom, one feels that Gus should be dancing to sweet notes of a lute on a village green with the conventional crepe covering in vogue for such affairs, instead of gyrating on a dance floor like a pre-Volsteadian taxi driver.



JACK GOULD

"Jack"

General Science, M. E.

JACK'S first love was electrical engineering. But her manner (we hate to mention this) was "really shocking." He then transferred his affections to mechanical engineering. His attention has found a permanent place, we think, in his new idol.

Now, Jack does not lay claim to being a professional sheik. However, at the Junior Prom, we noted that a certain fair young thing seemed very much at ease in the arms of our hero, while, to the rhythmic swing of soft music, they executed many of the higher plane curves. He demonstrated his knowledge and technique in a manner worthy of Rene Descartes himself.

HENRY GREENBERG

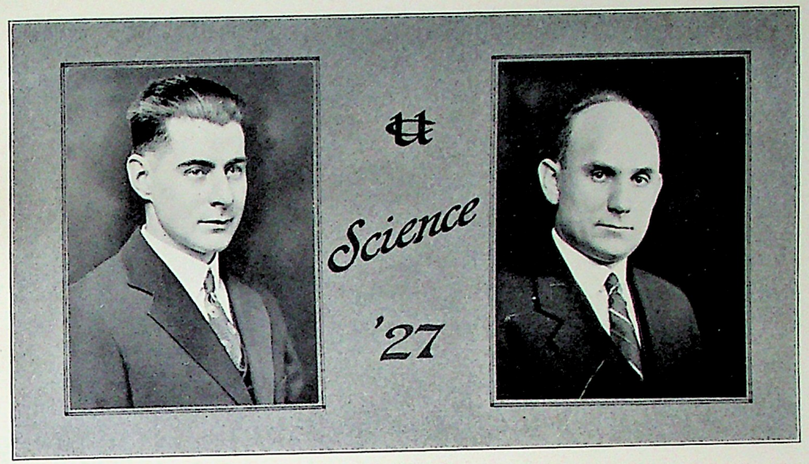
"Hank"

General Science, C. E.

THE Beau Brummel of the class. Tall, dark and handsome, he is one of our most promising young sheiks,—he'll promise a girl anything but let her try and collect.

In scholastic circles, he is chiefly remarkable for a propensity to add weird and ingenious amendments to the current hypothesis under discussion and his pertinacity in sticking to his guns though the heavens fall.

This naturally makes him a great favorite of the profs, and relieves the tedium of the classroom. In the midst of many a dreary quiz, while we were getting our tonsils sunburnt yawning, his voice has rung out propounding some novel and inexplicable theory, lending a new zest to life.



ALEXANDER L. HAMM

"Al"

General Science, M. E.

AL is the kind of man who really deserves to be called modest and unassuming. Though he possesses almost every quality the world admires, it is necessary to know him well to find what and who he really is.

Has he a record? You bet—two of them, and both good. He has to his credit a meritorious record of service in France with the Canadian forces. And, his work as a student is well above the average. He is always ready to give assistance to those who need it. We know that he has no intentions of ever becoming a teacher; but, had he so chosen, we feel that he would certainly not have missed his natural calling.

FREDERICK HANSA

"Fritz"

Electrical Engineering

FROM the wide open spaces where men are men, comes a hardened backwoodsman to his place of occupation. So may be portrayed the daily migration of Fritz from hill and vale to civilization. By way of explanation: Hansa's habitat is Great Kills, S. I.

As a germicide expert, Fritz has won great fame, having succeded in exterminating the destructive Shnitzel bug. As the story goes, Fritz captured one of these creatures, painted it white, then threw him back with his brothers. The poor things, thinking their playmate was a ghost, took to heel and so Fritz was rid of the pests.

Science '27

FRANK X. HAYES

"Nemo"

Electrical Engineering

HAYES brings to one's mind that Biblical quotation, "They have eyes but they see not," etc., for, although he talks volumes he never says a thing. F. X. would like to be famous. Any road to fame is welcomed by him. He tried reaching the exclusive brilliance of the limelight by volunteering as class representative of the A. I. E. E. student branch. However, this post was only temporary and he was again diverted from the road to fame. But Hayes will succeed; with his unfaltering perseverance, he will undoubtedly get ahead.

JOSEPH KAHN

"Joey"

Electrical Engineering

JOEY at one time was somewhat above the rest of the fellows in his class. His job called for removing the cracks from cracked insulators at the uppermost extremities of transmission line poles, and in these pursuits, he looked down upon the world.

In class, Joey has distinguished himself by taking money from his classmates for various activities. Joey's financial ability was demonstrated when one of the class affairs threatened to go under. He sold the hotel in which the affair was held to its owner and thereby averted almost inevitable bankruptcy.

Science '27

CLIFFORD F. KAISER

"Sea-Cliff"

Chemistry

THE only real "Collegiate" in the Pioneer office at night. Cliff has acquired one of those long, heavy black overcoats which he proudly wears over a light suit. His vanity is shown nightly, when he insists on wearing the overcoat upstairs to the laboratory instead of leaving it in the Pioneer fire-proof and burglar-proof clothes closet.

He is one of those quiet chaps, who rarely say anything, but do a lot. He is an ardent football fan, and if he had his way (and the money), he'd be offering football scholarships at Cooper.

Cliff possesses that superior air which only those living near the briny sea can acquire. But what else can you expect of people who do not have to "take the sidewalks in at night," but whose streets are rivers every time the tide comes in?

HARRY E. KAMPF

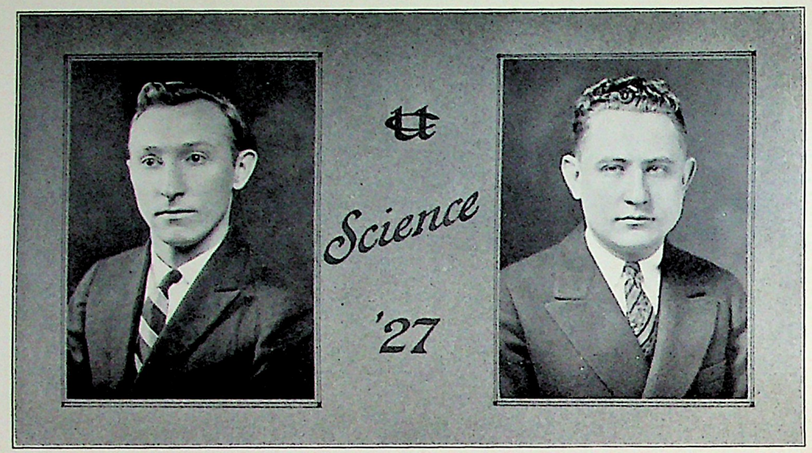
"Everett"

General Science, C. E.

AS do all great men, "Evy" hails from New Jersey, and a town of Elizabeth by name. Without him, that thriving metropolis would still be just "Port." "Speedy" should have been his name for he can make more locations in one hour than George Washington ever dreamed of. A secret ambition to invent a transit to see through buildings has not yet been realized; but when it comes to "lab" experiments, he is classed with none less than the venerable "Sir Isaac" himself.

Besides being an angle bender, "Evy" is a Walter Raleigh of the first order. Not admitedly, of course, but we know better. His smile gives him away.

However, seriously speaking, these comparisons are not merely perfunctory. Some day they'll be true. Who knows?



JOSEPH W. KOUTENSKY

"Joe"

Chemistry

HE hails from that little known section of the country known as Hicksville, on Long Island, where men are men and even the ducks wear goloshes. He is an exponent of the noble art of commuting. Commuting is a sport and should be regarded as such. Sometimes he gets home in time to catch the morning train out and sometimes,—well, he doesn't. Of course, Hicksville is a wonderful place in the summer time,—trees, sharks, birds, mosquitoes and everything. In the winter, it's different, it's boots,—boots,—boots. There is a rumor that a group of Florida real estate men will soon open a land(?) office in Hicksville.

AARON LEVIN

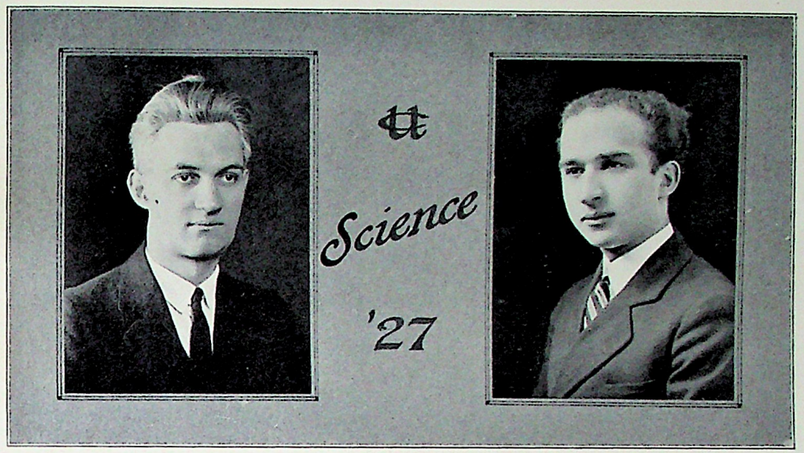
"Artie"

General Science, C. E.

ARTIE, as you will note, is blond and handsome. Bring your girl to a dance, introduce her to Artie, and you go home alone. How does he do it?

In Physics Lab., Artie has discovered that there are two Bibles in this world. The one for church and the second one is the Laboratory Text. Artie can win in any argument, except with the Physics Prof.

Sh—keep this quiet. Artie has already decided on his thesis. He's already compiled data and made his graphic statics sheets for his designs. It is to be the "Atlantic Ocean Subway from New York to London."



PERCY J. MANNING

"Manning"

General Science, M. E.

MANNING is another one of these fellows who went over seas to make the world safe for democracy and came back to find that they had taken his beer away. As a fellow victim, we suffer with him and we have reason to believe that this is the fundamental cause of his cynical melancholia.

Be that as it may, Frank is always there with the snappy wise cracks and the skeptical smiles. Judging from the vintage of his witty sallies, we infer that Frank believes in the old adage—"Old books to read; old wine to drink; old jokes to cry over." However, though a great lover of antiques, Frank likes his chickens young,—even as you and I.

LEO MARKS

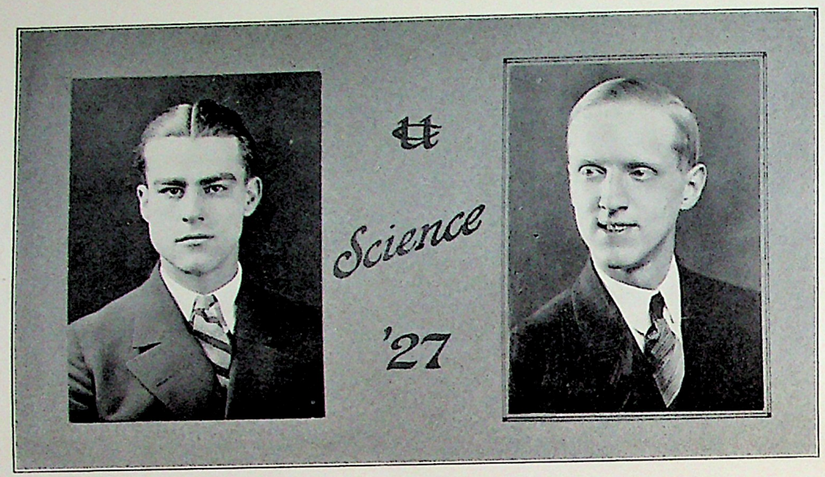
"Oscar"

Electrical Engineering

LEO stands for lion and, from all indications, we believe the name to be one well chosen.

What a wonderful lion tamer he would make, dashing fearlessly into the lion's cage, cracking his whip and yelling "Opp." Then grasping the cowering creature by the ears, he would cast him to the floor with a heavy thud. Finally, on that half conscious, and rapidly heaving breast, he would place a heavy boot and with folded arms and a smile of triumph exclaim, "Nothing to it."

Gentle reader, can you imagine all this? We can't. The nearest Leo ever came to taming lions was when he read Kipling's Jungle Stories.



WILLIAM C. MARTIN

"Bill"

General Science, C. E.

BILL is the sheik of the class. One glance at his countenance, and one is convinced that he is. And he is not only handsome, but is likewise a master of the terpsichorean art. At the Junior Promenade he proved this statement without a doubt. Bill is still trying to explain why he closed his eyes when the Prom picture was taken. He says it was the Klieg lights, but we have our suspicions.

As an engineer, Bill is bound to make good. Who can forget that surveying party when Bill broke the spirit level? But then, what's a spirit level compared to a transit? Anyway, Bill, as long as there are lots on Long Island they'll always need surveyors.

HAROLD F. MAY

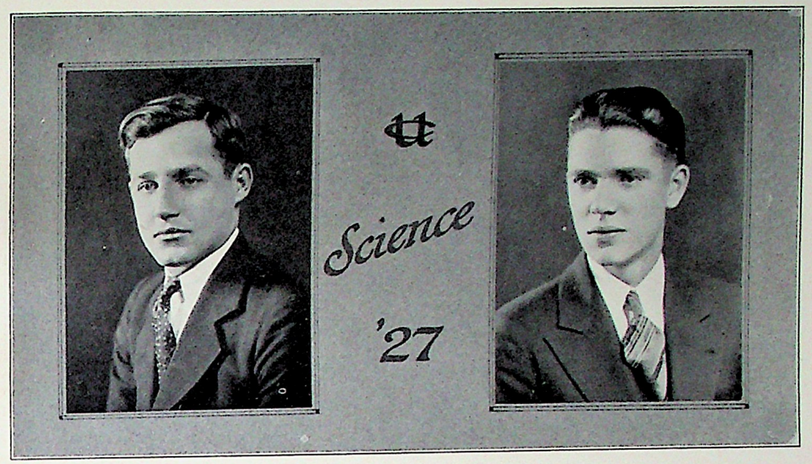
"Harold Teen"

Electrical Engineering

THIS quiet, wide-eyed individual comes in the class of the unassuming. In class, he is forever that way, but among members of his squad he does all the assuming. He has a great habit of assuming the thing on which he hopes to draw a conclusion.

Harold is a colorful draftsman and when we say colorful, we are alluding to the extreme brilliance of that patch of pasture which covers our hero's cranium.

Harold has a marked affinity for machine design; especially that part known as the commutator. It may be said that all that Harold doesn't know about commutator design would fill a library.



ALLEN MAZEL

"Mazie"

Chemistry

THIS fellow hails from that part of Brooklyn, the land of cemeteries, which is known as Dycker Heights. Why he selected Cooper Union as the place at which to display his remarkable talent for bending such apparatus as thermometers, retorts, and the like is still a mystery. During the recent coal strike, Allen had a job analyzing the Gas Company's coal. Incidentally, his was the only house in Brooklyn which had any fuel during the period.

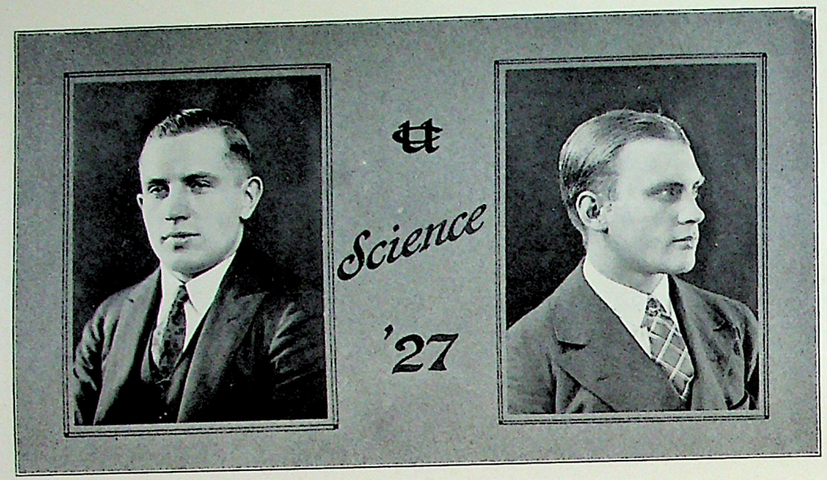
FRANK H. McENANEY

"Rudy"

Electrical Engineering

RUDY'S job as Vice-President demands all of his spare time at school. His duties include everything from being absent from all the meetings to wearing the varnish off the chairs. It has been suggested that he be appointed a committee of one to keep the class awake by doing a buck and wing or a flip-flop between sessions. Rudy has one weakness, and that is his love for strong dishes, first among which is his favorite dish of ostrich eggs and tripe.

Because of his unassuming manners, little is known of Rudy's habits and hobbies. It is known, however, that he smokes a pipe and occasionally wears a cap. Rudy is one of the class' financiers, being one of the committee assigned to count the money which ns collected for the gift fund.



JOHN MESZAR

"Nap"

Electrical Engineering

ONE might wonder about the fake "moniker" attached to the standard name plate of this individual, but "Nap" is short for Napoleon and Meszar, though he is never called "Nap" really, reminds one of the distinguished midget after whom he has been named. "Nap" is a good student, that is, he is a student and he is also good. What more can be said? Meszar is one of the class's undersized individuals, but he wears a 17 collar, nevertheless. When Nap first came to Cooper he wore stiff collars but they cut his ears, so he gave them up. We believe that Nap would make an excellent model for a collar advertisement.

OTTO L. MICHAEL

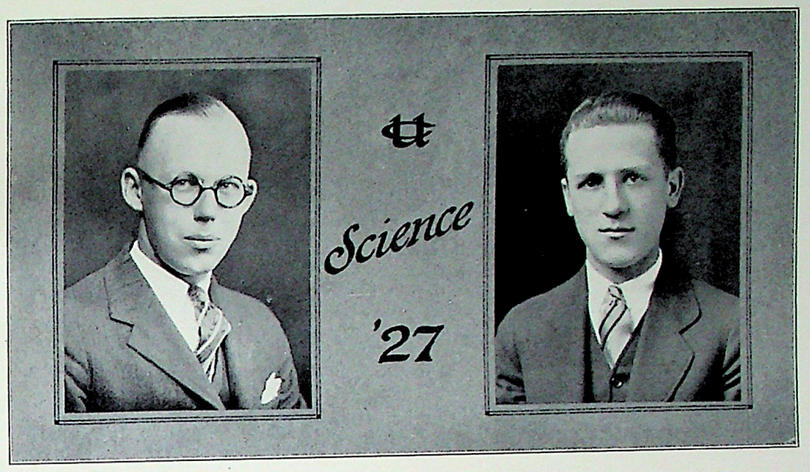
"Mike"

Electrical Engineering

THE arrangement of this book so far as you have read and as far as you may read, is a product of Otto's handiwork. Otto's title is "Make-up Editor of the Cable." This does not imply that one must be an expert at grease paint and lipstick to hold this office.

In the realm of sport at Cooper, Otto has shown his ability to twirl basketballs by being connected with the Cooper Junior Varsity aggregation. "Mike" gave up this pastime for the less glorious (?) one of helping edit the "Cable."

Among his favorite tricks Otto likes best to walk under subway turnstiles without bending and sometimes without dropping a nickel.



ROY T. NIELSON

"Nails"

General Science, C. E.

AN outstanding member of Cooper Union's "Jersey Legion." There are all kinds of nails, long ones, short ones, fat ones, and thin ones, but none like the real and only oiriginal "Nails."

To watch "Nails" in Physics Lab. is indeed a thrill. Perhaps he can give the answer to the mystery of that memorable explosion. But then "Nails" is right there when it comes to shooting lines with a transit. being aces high.

"Nails'" one fault lies in the way he mistreats that car of his. His recklessness is astonishing. Why, he once drove that car of his twenty-two miles per hour.

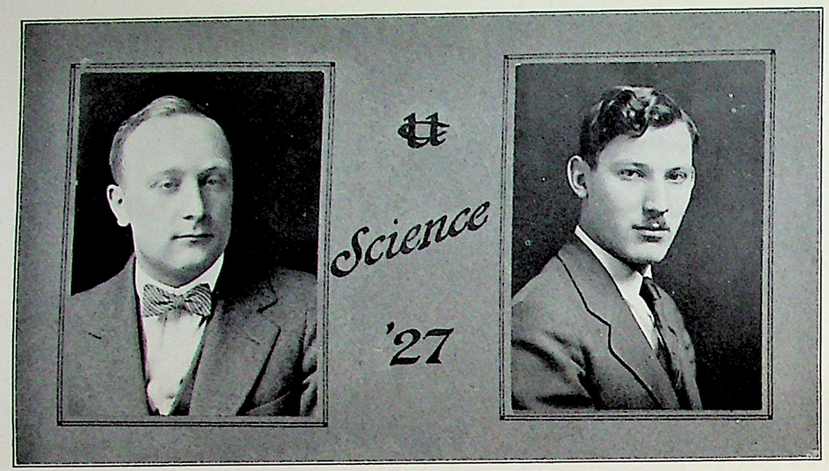
When Nails becomes City Engineer of Perth Amboy, his ambition is to fill in the Raritan River to ease up the traffic.

CHARLES E. NOVAK

"Prince Charles"

General Science, C. E.

CHARLIE is one of those chaps who lives for an argument. We feel that he would have made an ideal lawyer and it is said that he contemplated the study of civil law, until he heard of Cooper's fame. His first love would not be denied, however so he chose as his work the study of civili engineering. Often do we come to class feeling secure when Charlie shatters our self-satisfaction by convincing us that we are entirely wrong. Charlie's genius, incidentally, has led us out of many a "jam" with the lady friend when explanations seemed impossible. We hope he is equally successful in convincing the world it needs his engineering services.



EMIL D. OTTO

"Luke"

Electrical Engineering

EMIL is one of those strong, silent men who never speak out of turn or utter weird sounds when chewing Climax. He does, however, occasionally answer "present" when his name is mentioned at roll call.

Aside from being silent, Emil is one of the few "he men." He combs his hair in pompadour style, wears socks and a bow tie.

As a student, he is right there. He believes that a word to the wise is sufficient, so when quizzed by a Prof he has but one answer, "No."

We are ever aware of Emil's presence by the briliant rays that are emited from the wealth of his titian hair that acts as a shock absorber for his top-piece.

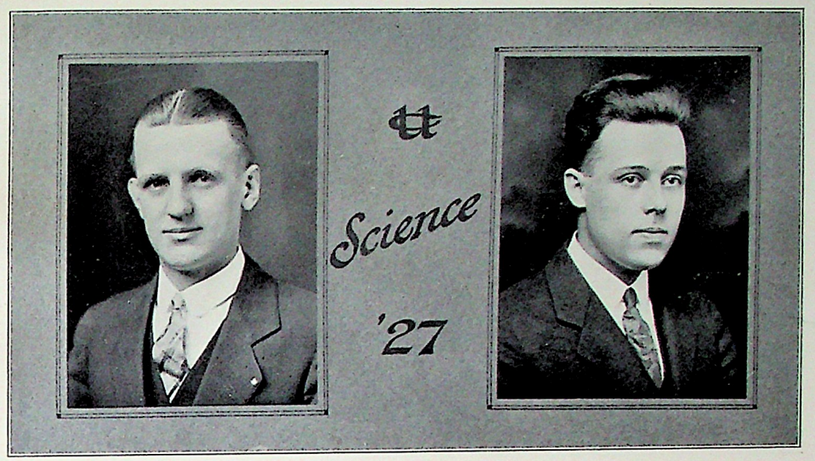
EMERY PATAKI

"Sandy"

General Science, M. E.

RECENTLY Emery moved over to New York from the wilds of Jersey. Between sesions he tells us classmates what a great place it is, stressing the fact that the only reason he migrated to New York was so that he could be near a brewery. Sandy claims the smell of malt and hops makes him sleep well.

Pataki enjoys nothing more than to sit in a beer garden solving problems on the theory of gases. Occasionally Emery will sing the Volga boatman's song but this is just a guise. In the back of his head he is really figuring out a way for making one beam do the work of two, using as a basis for the design, his own theory of six moments instead of the accepted theory of three moments, thereby using only half as much material.



WILLIAM T. PETERSEN

"Bill"

General Science, M. E.

THIS embryo engineer is the very personification of ambition. Already an ardent disciple of Sir Isaac, he has rare money-getting ability, and bids fair to outshine the present lights of the financial world. After he has gone the rounds of the class, pocketbooks look as if they have been hit by a Chinese simoon. He has sold us everything but his wide grin. He keeps that for himself.

Bill's weakness is power plant efficiency. His masterly orations upon the idiosyncracies of water-tube boilers are in themselves works of art; Zeuner and Rankine would do well to listen.

Just the same, Bill, you are a thoroughly likable fellow. Our best wishes for good luck to you.

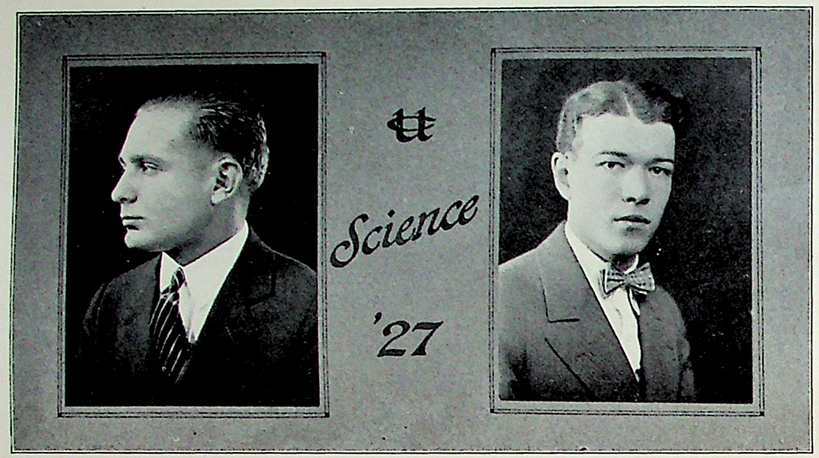
RICHARD C. PFARRER

"Dick"

Electrical Engineering

NO doubt you have heard the crashing peal of thunder that echoes through the corridors, and wondered whose still had exploded in the vicinity. You may put your mind at ease hereafter, for such is not the case. The report is but our little Dick answering "here" at roll call.

Dick is one of the numerous commuters that attend Cooper. He can keep in fine shape by chasing, the Roselle Park Limited. Dick rides on the platform of the train because the railroad does not allow anything over size ten suitcases in the cars. Dick can run the hundred yards from his house to the station in ten flat —ten minutes, we mean. If he fell, he'd be half way there, and wouldn't have to run so far. Nice fellow, though.



ADRIAN R. PITROT

"Addy"

Chemistry

STUDY in the tube and knock Father Time dead," is Pitrot's motto, for the simple reason that he travels daily to the wilds of Weehawken to work. How a loyal New Yorker can travel to such a wild country to work is more than we can see. Perhaps it is an unknown affinity, for Pitrot is a chemist who really practices his humble profession.

Pitrot is the proud possessor of a two-cylinder "Spark Plug," and you can bet the dust does fly when he uses his spur. Last summer, he travelled all the way to Canada, and, alas, perhaps this accounts for his "close shave" arrivals at class.

Despite all this, he is a good sport and always ready to give authoritative advice on chemical matters.

MAX A. RHEINBOLDT

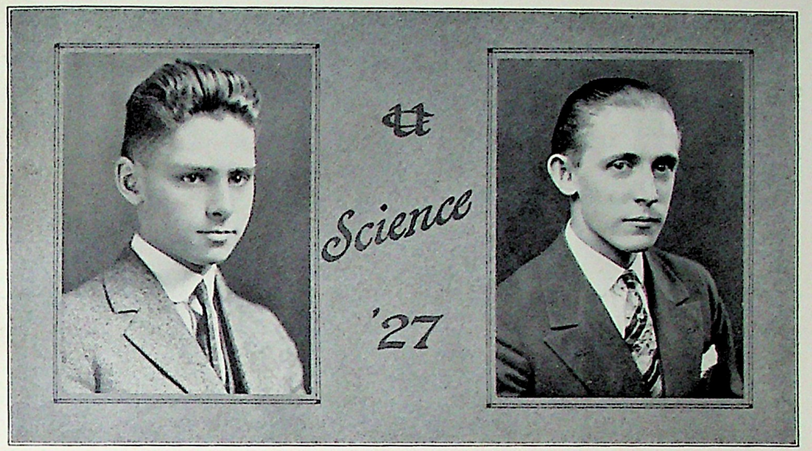
"Macks"

General Science, C. E.

NOW, on the face of it, few would believe Valley Stream and "Macks" had interests in common, but they have. "Macks" loves Valley Stream and Valley Stream wants the credit for having such a citizen.

Hailing from the white collar town of Troy, "Macks" originally was an habitue of Rensselaer Poly. For two years the Profs and he endured one another, then came the parting of the ways. As a result "Macks" found himself one of the Cooper elect. Now everyone knows and sees "Macks" on the college campus.

Like all great men, "Macks" excels in one particular branch of science. In the "P. Lab," he shines forth from a galaxy of co-stars. So much so that the phrase "Please report," seems to be specially adapted to him.



DONALD ROBERTSON

"Cupid"

Electrical Engineering

CUPID roams around bothering no one and hoping that he will be unmolested himself, especially by bill collectors. Robertson hates bill collectors—of course we all do, but he exists in a state of perpetual fear of any sort of money taker. Aside from this foolery, we like Donald because he never sings love sonnets nor does he come among us with stories of his great work in pulling in DX. We named him "Cupid" because he had no nickname and "Cupid" just about describes him, gentle, lovable and with that schoolboy complexion. Yes, that's all right—"Cupid" will do.

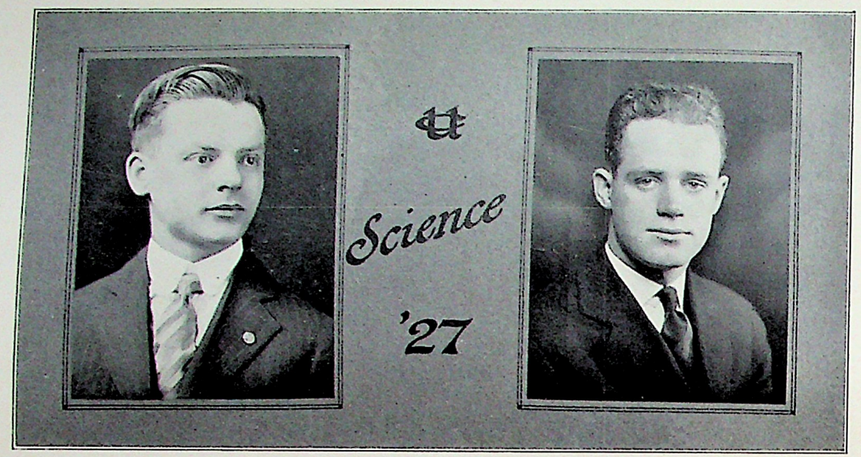
EDWARD A. ROCHAU

"Roxy"

Electrical Engineering

IMMEASURABLE potential energy lies in bond in this mite of a man. Roxy has the highest weight per unit volume in his class or very near to it and his energy rating, if it could be summed up, would probably exceed five burned out fuses.

His exclusive hobby, it has been rumored, is interior decorating. Just what this is remains in doubt. Rochau will always be remembered for one thing. His was the first ten given for a laboratory report in the class and in addition to this he holds the class record for donating alms to the Bowery derelicts. He gave one a dollar once.



CHARLES RUBY

"Charlie"

General Science, M. E.

CHARLIE is one of those men who doesn't say much but thinks a lot. Genial, pleasant, ever ready to lend assistance wherever it is needed he is liked by all who know him and he is always ready to dig down toward the support of all activities.

We sometimes think that his rather quiet nature is the natural result, in the make up of a modest chap, of many harrowing experiences in the Argonne, of which he is a battle-scarred veteran. The word modest, is used advisedly and just describes Charlie as no other single word can. The fact that he fought in France was gleaned only from a very close friend.

Charlie extended his battlefield activities to the Physics laboratory when he finished Experiment 16 by blowing the end out of the boiler.

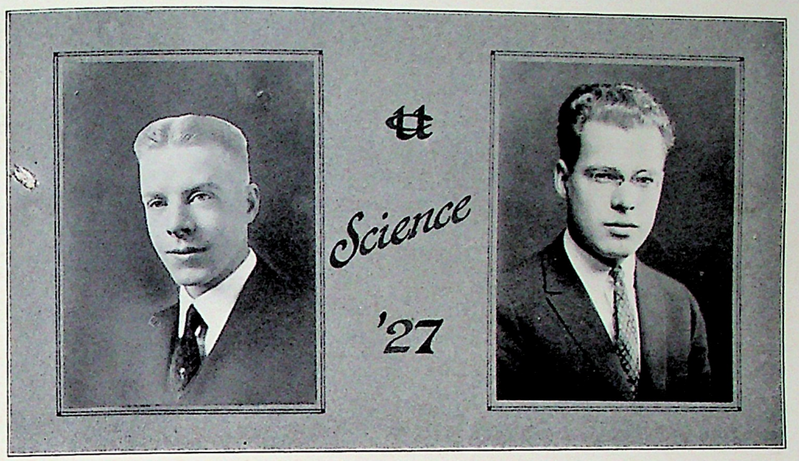
JAMES V. RYAN

"Jim"

General Science, C. E.

THE classic features which gaze at you from above are none other than those of our little "Jimmie." Jim is severely handicapped by several things. First, he comes from Elmhurst, which is sufficient to discourage many a good man. Second, he is blessed with several wonderful physical attributes; namely, a big heart, soulful eyes and an enticing voice over the telephone. "Jim" has, for the past few years, been looking for a woman who is worthy of him. He has had several affairs to date, none of which terminated with a soul-felt, "I'm through with women."

Jim has one deep and abiding passion, that of dazzling the Profs and his fellow students with calculus hieroglyphics, when writing on any subject.



FRANK C. RYDER

"Frank" Ω Δ Φ

General Science, M. E.

FRANK is another of Cooper's sons hailing from another college. Before his advent to our Alma Mater, he had graced the campus of Valparaiso University.

When the "Cable" sent out its call for the "Science Schools Editor," offering the usual high salary, Frank answered. Please refer to the roster for his address in case of erroneous statements. What we want to know is whether he'll retire after receiving the large remuneration for his work.

As you will note he is a regular Beau Brummel which doesn't mean that he's not a regular fellow. Wearing an army service pin proves that he's a real guy.

There's only one hitch to Frank, girls, and that is that he is taken. More power to you, Frank, and to her.

FREDERICK W. SCHLOTTMANN

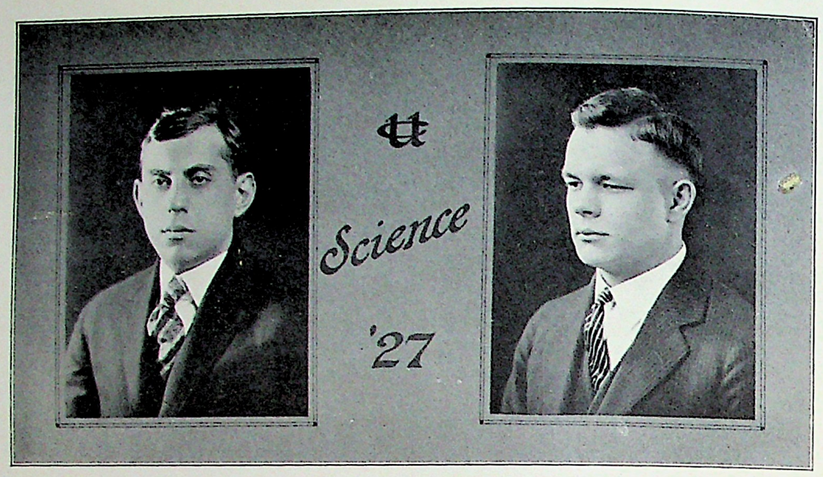
"Pete"

Electrical Engineering

OUR classmate, Fred Schlottmann, is a budding distribution engineer of great promise. He'll promise anything, but try and get it.

He may be found almost any time reading books on distribution. We can state with a clear conscience that Fred can distribute more heated atmosphere per minute than a good sized stone.

Fred's hobby is raising lap dogs. His latest offering is a pair of "Liberian Cheese Hounds." The cheese hound is very intelligent, being trained to detect the odor of cheese within two feet of its location. When out walking with these hounds, they may be seen to follow closely at Fred's heels.



FRANK SCHWARTZ

"Schwartzy"

General Science, M. E.

THIS a sad and sordid tale—one which might well serve to show the frailty of mankind and its pitiful helplessness in the implacable clutch of fate.

While stil a verdant soph, Frank won the physics prize and never recovered. Since then, he has gone his way, solitary and aloof, solving more and more abstruse and difficult problems and cursing the fatal misstep which branded him with the mark of Cain and left him steeped in iniquity.

There have been fairly well authenticated rumors that Schwartzy got a 100 in the calculus final, but he vehemently denies it and murmurs incoherently of "frame ups" and giving a guy a chance.

ERNEST G. SEGESSEMANN

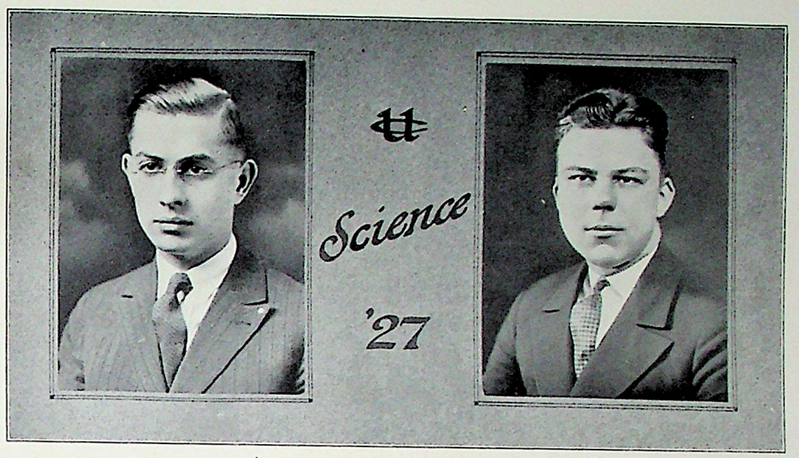
"Ernie"

Chemistry

ERNIE is the chemist from an electrical town. He hails from the world famed town of Ampere, where men are men and the spaces between the collar and neck are wide.

Segessemann absents himself from his fellow classmates in his never ending search for a process whereby clams may be produced synthetically. With such perseverance as Ernie exhibits at times he should be able to produce not only synthetic clams but also mussels, oysters and various other fur bearing bivalves.

Among things that Ernie has accomplished is his discovery of the element, bolonium from which most of the present day liverwurst is made. A great man this lad, he'll revolutionize the delicatessen business some day.



THEODORE W. SEVERYNSE

"Ted" Ω Δ Φ

General Science, M. E.

THIS painstaking gentleman is a most practical chap. He is the only one we know of who figures out his shots in billiards before he makes them—or misses them. Ted makes the ivory spheres describe loci which were unknown to Agnesi, but in spite of all his pains at this pastime he plays a better brand of poker.

Ted is a good student and has a wealth of natural ability. A man who can review his term's work while figuring the probability of drawing another ace must have natural studious ability.

Severynse has a quiet manner and is liked for it. We like him ourselves because he never talks about himself. If he'd only stop singing Christmas carols he'd be perfect.

GORDON G. SKAU

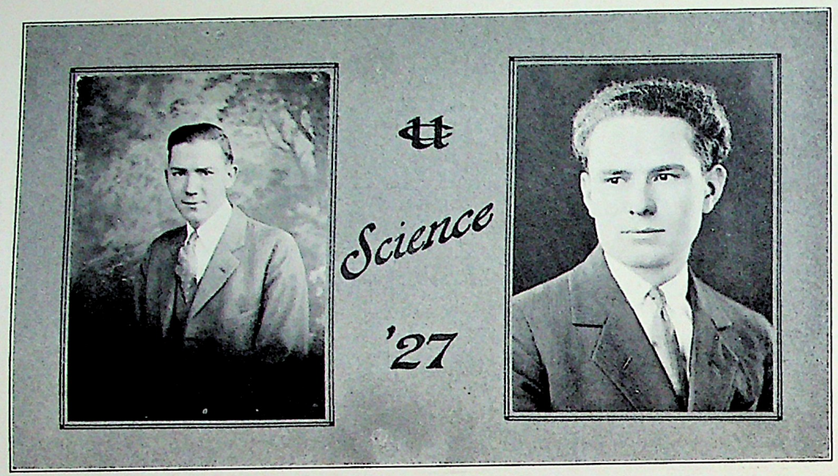
"Don Q."

General Science, C. E.

GORDON came to college primarily to learn how to find the maximum bending moment by looking through the transit, and, in spite of the opinion of the faculty, he insists he is going to be an engineer. His chief ambition is to go to South America and vamp the South Sea maidens with his trusty "uke."

"Don Q" has reached the height of physical development by wrestling with his lessons and juggling Pioneers and dance tickets. He has the jump on his fellow classmates, however, in that by lying down he is half way home (Bronx).

Have you ever seen Gordon trip the light fantastic? His dancing is a source of envy to those who cannot dance. By this we do not mean he is effeminate, for he isn't. He's a regular fellow.



THOMAS B. THOMSON

"Tom-Tom"

Electrical Engineering

T. B. T. is a sphinx-like individual, not in that he talks little or writes riddles, but that he talks low. We don't mean to say that his subjects are low in character, but the output from his broadcasting organ is decidedly small. Thomas is the man who always complains of having a bad cold and of being unable to talk any louder when requested to do so by one of the leather-eared variety.

We must admit there isn't much we know about Tom except that he prefers soft pencils to hard ones. He also prefers raspberry flavor on his sundaes and cuffs on his trousers.

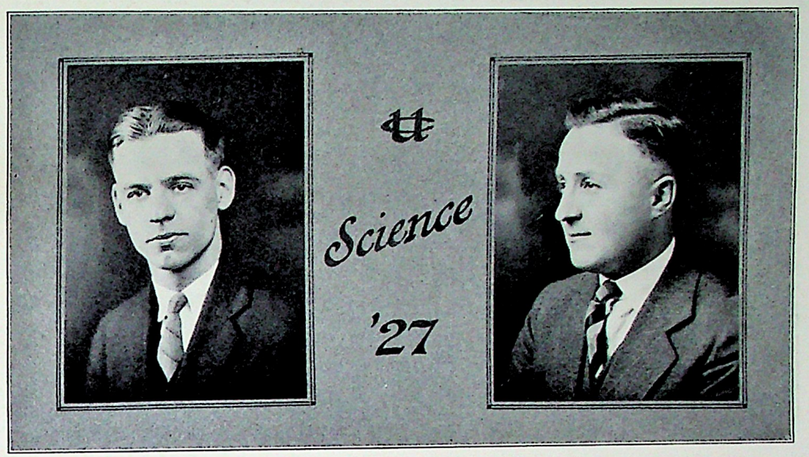
HARRY TRACHTMAN

"Herra"

Electrical Engineering

HARRY is the boy with the poet's haircut and although he has never been heard to recite "Gunga Din" or "Barbara Fritchie," we believe there is an air of romance about the boy. We can just picture Harry as Homer, garbed in linen tunic and sandals, playing his harp and singing his lays to the little band of admirers, Baronigian and Marks, clad in the same manner.

Aside from being an authority on classics, Harry is a confirmed bicycle enthusiast, having found a means of applying the four wheel brakes to the bicycle. Next to his bicycle, he likes a velocipede best. Some time ago, you could see Harry's velocipede tied to the post on the corner but one day it bit a pedestrian and they shot it, so he can't ride it any more.



LEONARD VIETH

"Dutch" Ω Δ Φ

Electrical Engineering

LEN is our glutton for punishment. He was gradauted from the Mechanical Engineering course and is now staging a comeback in the Electrical Engineering course. However, with the aid of the rest of his lab squad we think he will get through.

Len helps Artie Cornish hold up the class reputation in athletics. He is an all-round football man,—playing anything from manager to waterboy. Len and Artie also collaborate in devising trick names and wise cracks about their classmates. They're always happy though. When Len is feeling blue, he looks at Artie and laughs, and when Artie is blue, he looks at Len and laughs. How they manage to get their work done is an unsolved mystery.

WALTER WEICHSEL

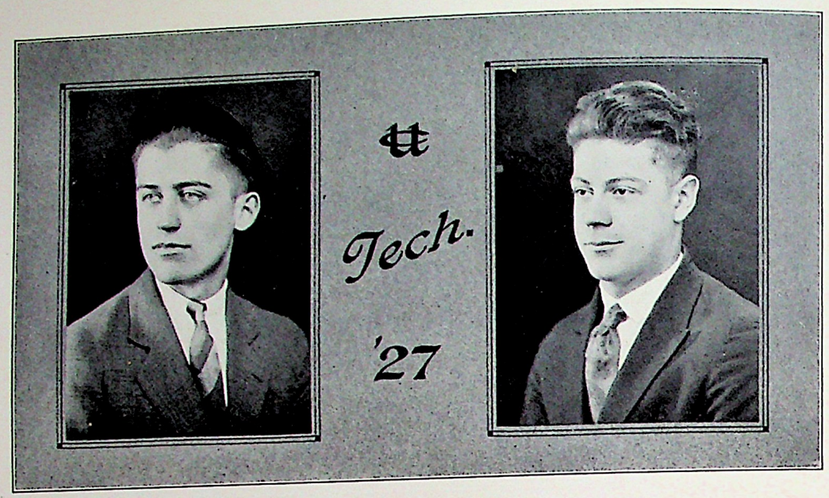
"Weichsel"

General Science, M. E.

THE passerby, pausing to watch the crowd, became a part of it. Patiently he pushed his way to the inner ring, and there was Weichsel! With the manner of a prophet, who knoweth whereof he spake, he was expounding the equations of Einstein to his less gifted, if more modest, brethren.

Seeking to know more about the youthful Plato, the wayfarer questioned the populace. From one of the older villagers, he learned that the orator was prone to spend the entire night with his beloved books. With the coming of dawn he would carefully hide his sources of knowledge, and go forth into the world, imparting his rare knowledge to all who cared to receive it.

"He who knoweth not, but knoweth where to find out, shall be rewarded."



MARSHALL F. ACKEN

"Mush" Λ Σ K

Tech.—Ch. E.

MUSH is a person endowed with considerable laboratory technique and ability as a chemist. He has left his handwriting, or rather his handiwork in organic chemistry on the ceiling of the Physical Chemistry Laboratory for the edification of posterity. It is to be expected that the attainment of a result as evidenced, would be accompanied by considerable expense; naturally Mush tried to keep the expense down by holding the thermometer as soon as the experiment gave premonitions of impending explosions.

He has also tried to apply his knowledge of chemistry to culinary products. At present he is trying to work out a scheme to make synthetic tripe out of discarded Turkish towels.

GEORGE AUWATER

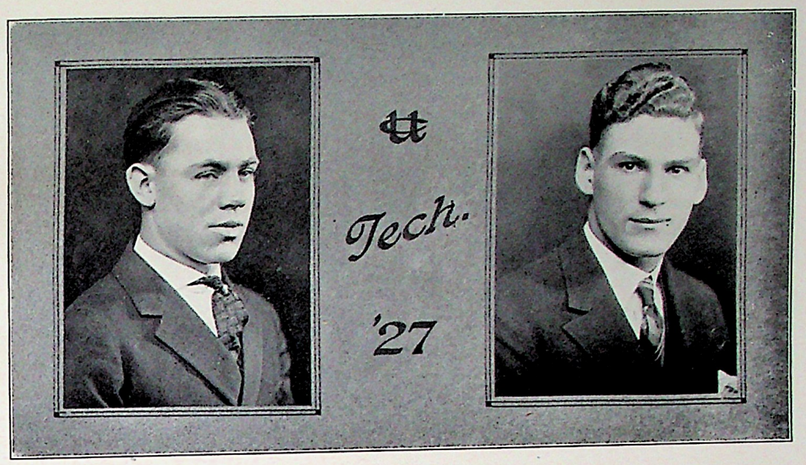
"Red"

Tech.—Ch. E.

CHEMISTRY is a peculiar science. It produces all kinds of unexpected results—just look at George's hair and note the peculiar effect of several years in a Chem. lab. Perhaps some one was testing his mettle with Potassium Thiocyanate and showed he has the right stuff for the baseball team of which he was a member for two years.

What is the matter, George, you seem to have no pep lately? Perhaps it is due to the disappearance of the two members of the fair sex from the Chem. course, and now you are trying to figure out how you can change to E. E.

Now Red, be a man, be a man.



ROCCO D. BAFUNDO

"Biff"

Tech.—C. E.

WAY back in the palmy days when men were men, this venturesome young man broke loose from the family ice wagon and strayed down to COOPER. He rapped on the front door and then sneaked in the Seventh Street entrance. Slick, eh wot?

Biff excelled in English in those days. Many a pleasant hour did he while away in Wanamaker's at the gentle insistence of Miss Zachos—always with plenty of company, however.

The four years he consumed in learning the alphabet have not gone to waste. His ability as a producer of Roman and Italic hieroglyphics is an inspiration to Mr. Morrison. His main hobbies are Graphic Statics and collecting erasers.

Some day, Rocco will design bridges and put rivers under 'em if necessary. Some say he might become an engineer.

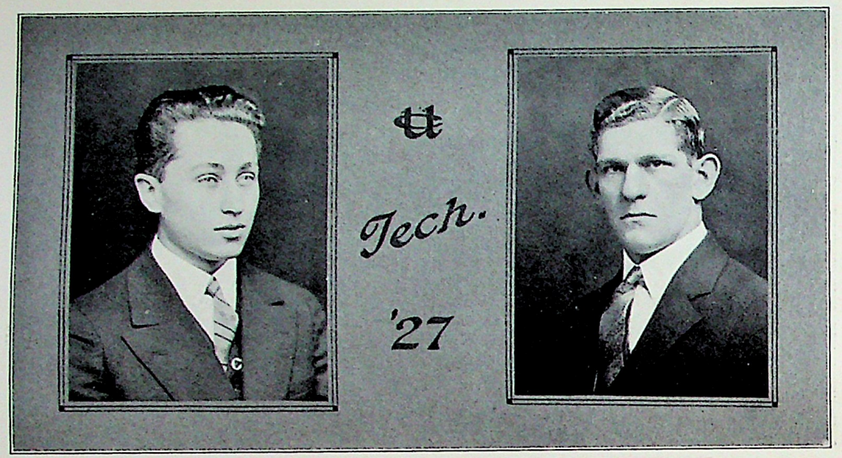
DONALD S. BELL

"Bell"

Tech—E. E.

DONALD comes from New Rochelle, and that accounts for the fact that said town is on the map. We can't imagine what the girls of that section would do if Donald moved away. He has been on the Telephone Company's payroll for a number of years, and he knows all the operators within a hundred mile radius. If you want service, see Donald about it.

Yes, he has his hobbies. He is our class cartoonist. From his cartoons of our class, he can readily prove Darwin's theory by a few strokes of the pen. His other hobbies are chemistry, photography, canoeing and hunting.



ABRAHAM BLOOM

"Bloom"

Tech—C. E.

BLOOM, the younger, blooms in Plainfield. The town should be named Bloomfield to rhyme with the rest of the words.

Perhaps it is the wild abandon of those Central Jersey youths, or perhaps it is the unquenchable spirit of the scientific experimenter — we are not positive—but Bloom the Younger was the co-author of the famous Feldman-Bloom ammeter test. He analyzed the blue smoke which flew from the instrument as flue gas.

A cheerful Willie is Bloom. His inane horror of flunking was directly responsible for the above-mentioned technical feat.

It is rumored that he built a house last year—which was prior to his formal introduction to Stresses. But we wonder now if the house still stands?

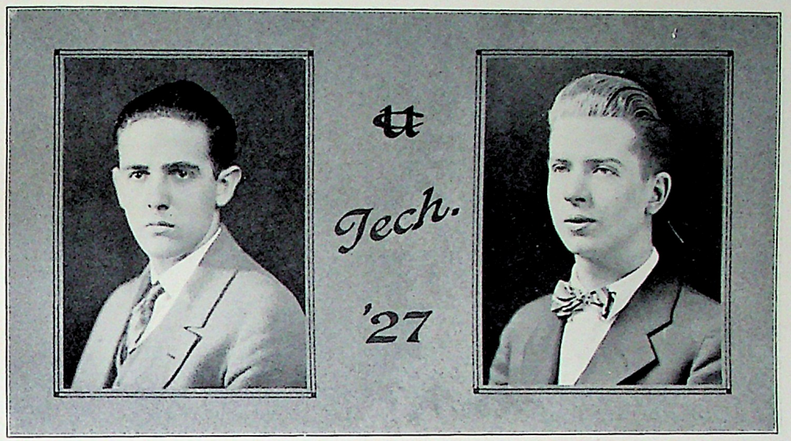
WILLIAM M. BOGERT

"Bogie"

Tech.—E. E.

INTRODUCING Willy, folks, otherwise known as Bogie, the big Butter and Egg man from River Edge, New Jersey. Bill's favorite sports are bowling, tennis, hunting and politics. When it comes to hunting, Bill is some Nimrod. How about that bullet hole in the back of the Hudson, Bill?

In asswer to several inquiries, the editor wishes to advise that William is single, and that the above picture does not do him full justice. Bill may be found frequently hunting deer(s) in the outskirts of the town, and it must be confessed that he can tell some pretty good ones.



GUILLERMO E. CINTRON

"Bill" Λ Σ Κ

Tech.—M. E.

NO! this is not a cigar, but our good friend "Bill" who comes from where the cigars and tangos grow. He is one of those unassuming, quiet fellows who says little but smiles and thinks a lot. Indeed, he thinks just twice as much as the average Cooperite, for, he himself says, he must first think in Spanish before speaking in English.

Bill heard and responded to Cooper's call from his home in distant Porto Rico, which must be admitted is some call and some response! We don't know whether it is the "call of the wild" or of the "tame," but when Cooper closes its doors for the summer vacation, Bill suddenly disappears from these parts to bask in the tropical sun upon Porto Rican beaches.

FRED W. COCHRANE

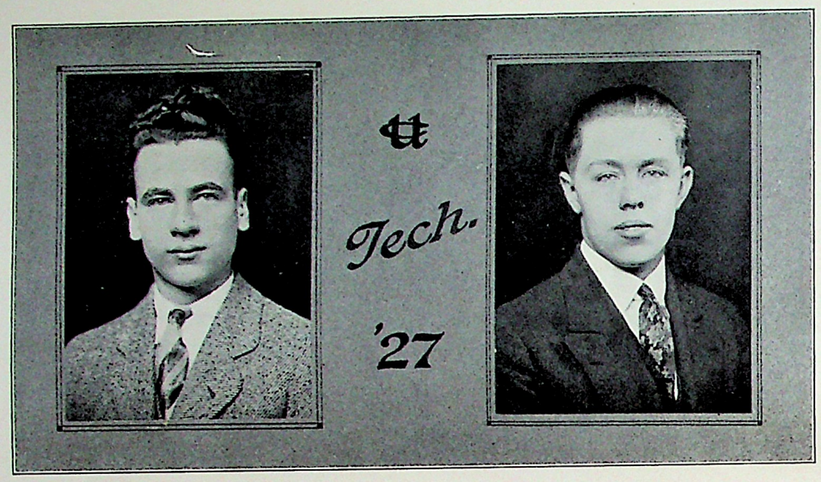
"Fred"

Tech—C. E.

THIS smiling chap is the fair-haired boy of the C. E. section. Handsome, dashing and debonair, the remainder of the surveying class is safe from embarrassing scrutiny by the females, when Fred is in view.

Fred is the leader of the Tech. orchestra and heaves a mean left on the ivories. At the last entertainment his "andantino con dolore" movement of "Alabamy Bound" brought tears even to the eyes of the Hon. Janitor.

Fred brought his "skin you love to touch" directly from the Emerald Isle, but parks it every night in Brooklyn. In spite of this latter bad habit, he is still cheerful and we predict a great future for him—indorsing mud packs and posing for Arrow Collars.



HAROLD CRAMER

"Stretch" ΛΣΚ

Tech—E. E.

THE electric company has never been able to determine why the street lamps in the vicinity of Cooper Square break so frequently, but we shall tell the reason. Stretch does it! He is so tall that when he strolls along Astor Place the delicate incandescent bulb filaments, fourteen feet above the ground, fearing for their safety, shiver violently and expire.

Harold's long legs were an asset to him when he became interested in the Track Team, of which he is now assistant manager; but they were an encumbrance to him in another respect. While practicing the Charleston he missed his footing and began to fall; not being an instantaneous occurrence but rather a lengthy procedure, several minutes elapsing from exordium to peroration. The fall resulted in a broken knee-cap.

KURT G. ECKART

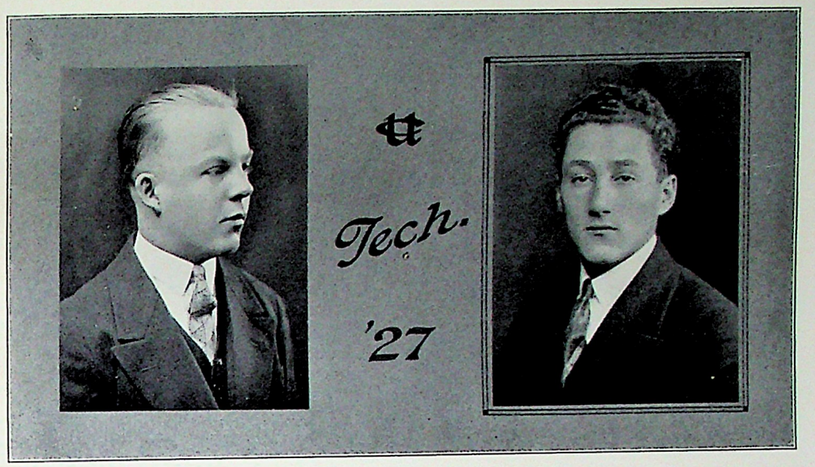
"Kurt"

Tech—E. E.

KURT is from Missouri, folks, came way down East to be shown. When Kurt is not attending classes, he is working a tape-transmitter. He deserves credit for his pluck and ambition.

His favorite sporth are bowling, "stalling off profs," tennis and swimming. He must also be very much interested in art, judging from the interest he shows in people pursuing that study.

Kurt's middle name is "Technique." In the chemistry laboratory, he can get results within .001% by the "Carbon-Cellulose" method. He has to his credit so far five beakers, six flasks and three wash bottles.



HENRY C. ECKHARDT

"Chick"

Tech.—Ch. E.

THE truth about the above innocuous creature is that he hails from no other place than beautiful Corona, Long Island. We find in our royal president of the Cooper Chemistry Club a person who takes a very exceptional interest in his ancestors. He has studied zoology!

We are stricken at heart to learn that Sir Henry is the proud possessor of two great weaknesses, chewing the rag and idiocy for the female of the species. Last Thanksgiving he became so infatuated that he actually travelled up into the wilderness of upper New York state! Four days after, did he remember that there was such a place as Cooper. By horoscopic deductions we see Chick falling into that category of "W-w-will you be mine?", thirteen seconds after receiving his sheepskin coat.

SAMUEL FELDMAN

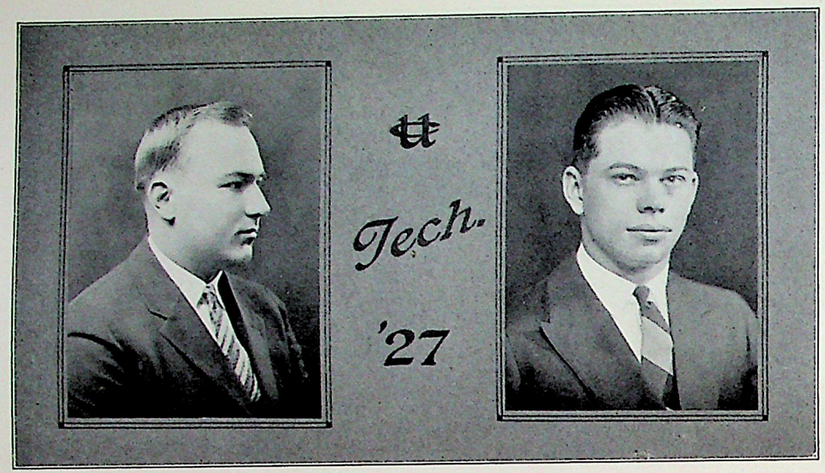
"Sam"

Tech—C. E.

BEHOLD the crusading boy scout who does a good turn daily—a back flip between Paterson and Cooper. The best "turn" he ever did, however, was to "turn" on the current after connecting an ammeter across Thos. Alva's trunk line. Sparks of intelligence, wot? Be not too harsh. There are no amateurs in Paterson.

Sam is about nine erasers behind Biff for lettering honors—and about three plates ahead. His execution of oak leaves and stone fences brands him as one who communes with Nature.

The boy is no mean athlete either. Last field day he was persuaded to take off his rubers and try a broad jump. Result: one medal now basks in the Paterson mist.



RICHARD FRENCH

"French"

Tech—C. E.

IF our observations at this early stage of his life are worth anything at all, we opine that Mr. French will need to be a very successful and prosperous engineer in order to pay for his meal checks.

Portly in appearance, his keen analytical mind is in proportion to his displacement. Mr. French has never yet been stumped in matters of snap judgment. A passing glance at a reagent bottle is sufficient to assure him that the label is wrongly marked. He makes the mountain trot over to Richard, thereby going Mohammed one better.

He is also pronouncedly high hat in his ways. Have you ever tried to debate a question with the learned gentleman?

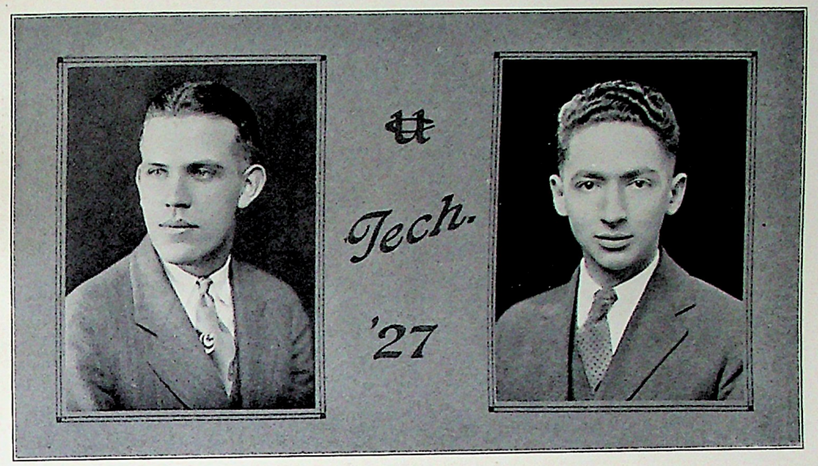
THOMAS G. GUERIN

"Tommy" Σ Τ Ρ

Tech—C. E.

THIS squirming infant landed in Cooper's corridors in 1921, with a passionate desire to run toy electric trains. This particular P. D. lasted until 1924 when one day, he put his hand across a 250 volt P. D.

Then he decided to go out to seek his fortune. Forsaking his beloved calculus and hydraulics, he roamed away to the distant shores of Raritan Bay. Here, armed with a pair of water wings and a plumb bob, he located the august city of Perth Amboy, which he found to be four feet below sea level. Using Bernoulli's theorem, the formula for maximum chord stress and a constant C, he dredged a channel to Ireland, lowered the water and saved the city. He then returned to Cooper, like the cat.



LESTER HAMMOND

"Les" Σ Α Π

Tech—C. E.

LIFT the transom, while we introduce Les who parks his hat seventy-four and one-half inches from the floor!

It is difficult to state the field of endeavor in which the big boy excels. Have you ever seen a steam roller doing its Daily Dozen? It covers everything firmly and efficiently. Well, that's Les all over.

And shades of Jersey City, what a politician he is already! Vice-President of nearly every major organization in Cooper, is this stalwart Newarkite, and the end not in sight.

As an exponent of the very moist science of hydraulics, he is excelled only by Mr. Williams and his friend, Bazin. Les' treatise on "Water, how it should run and where," is being outlined in his mind.

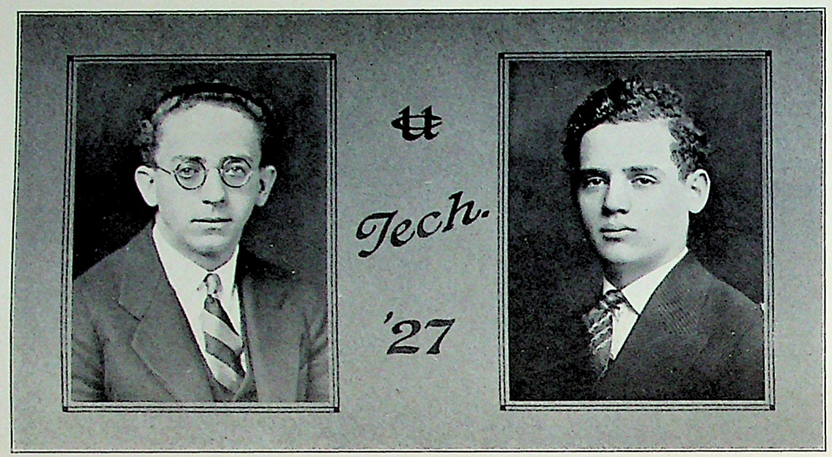
SYDNEY HELPRIN

"Syr Syd" Λ Σ Κ

Tech—E. E.

ONCE, long ago, Syd wrote dramatic criticisms for the Pioneer, but somebody discovered it and after that he didn't get any more complimentary tickets, so of course he didn't see any more plays.

Early in his Frosh year he volunteered to read proof, and after that his descent was rapid; technical, dramatic and column editor and "colyumist." He has engaged in other pursuits such as secretary of the Math Club, and president of the Junior class, but the Pioneer has always held him in its grip. We must state that he has made efforts to break away; he resigns regularly once a year and has been fired five times in a single year.



ANTHONY KAROLYI

"Tony"

Tech.—M. E.

NO relation to the famous Count Karolyi. The count doesn't count, anyway. Tony is a very quiet fellow; in fact, you have to look around to see if he is present, even in a class of four, but in all probability he makes up for it at night. He attends old Cooper in daytime and pounds that piece of furniture called the piano four hours a night with extreme disgust and without inspiration. Lack of inspiration—since land-ladies are getting particular and forbid the poor bachelor to cook his own home brew.

No time for hobbies. Would be a radio enthusiast if he had a set and time for listening in. Would be an ardent photographer if circumstances allowed. Would be a great hiker, if time were provided. Would be—if—ad infinitum.

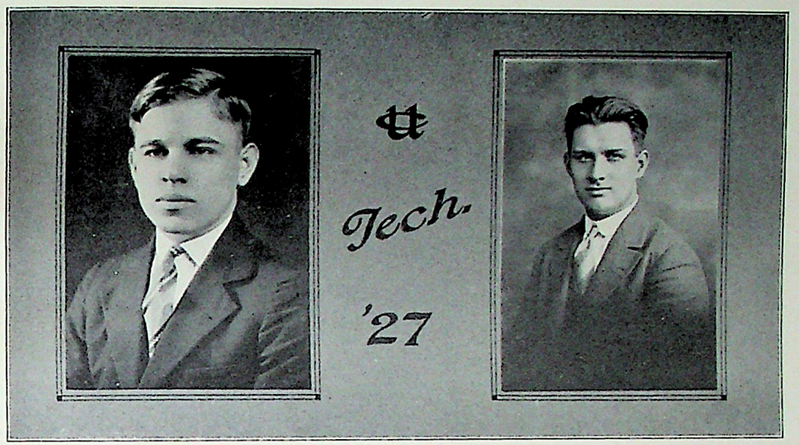
SAMUEL LUBKIN

"Lub"

Tech.—E. E.

THIS sample of humanity came to Cooper as a product of the New York public school system. While attending these institutions, it was his hobby to know enough about the subjects so that he would be able to find fault with the teachers. Sadly, this trait clung to him but although he may study to the extreme, Lub meets his superior when it comes to putting anything over on the Cooper profs.

He sure does shine when it comes to juggling geometry theorems, the x's and y's of algebra and the differentials of calc; but with all these fine scholastic achievements Lub has other fields that need development, possibly along social lines.



CUSTER LYNN

"Osmosis"

Tech.—Ch. E.

PASSAIC, New Jersey, besides turning out a large quantity of itchy underwear also turns out Custer each morning. Having nothing else to do, he comes to class. Under the protecting cover of darkness he manages to sneak back unnoticed into Passaic.

Osmosis delights in polemical discussions; it is intimated that fifteen minutes after he was born he argued with the doctor about his weight. He has a propensity toward reading instruments with a degree of accuracy that finds him of service in the D. C. lab. His observations are always correct; before recording the reading, he looks in the log sheet to see what it should be and then makes any legitimate correction required for rectification.

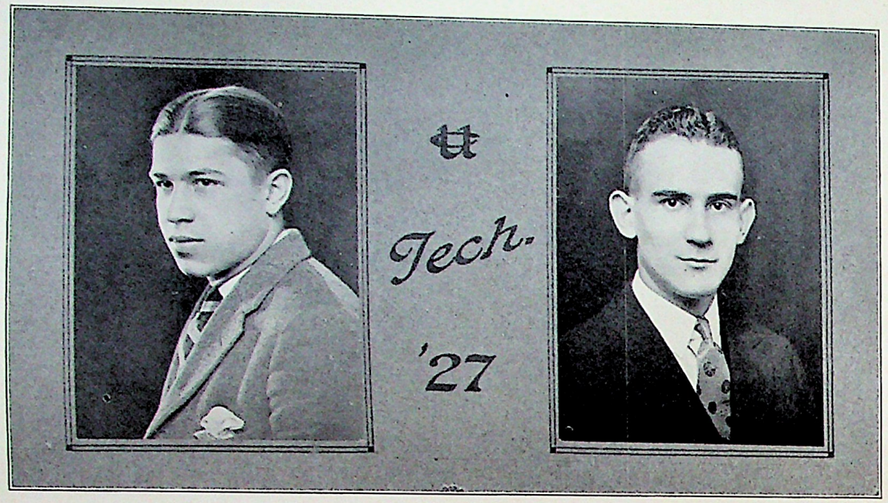
FREDERICK W. METZGER

"Freddie"

Tech.—E. E.

FREDDIE hails from that quaint and quiet little town of Rutherford. Before entering this village, one's attention is called to the fact that a resolution has been passed by a large majority of the stinging citizens of the locality demanding that visitors be properly dressed (with oil of citronella), or otherwise they will receive a "rising" welcome. With such peace-loving neighbors it's no wonder he has a radio bug complex.

Fred is a quiet fellow as evidenced from the fact that he can be seen wistfully but not wisely gazing upon the various curvatures of the elevated train roofs as they pass within view of Room 23H. Nevertheless, if Fred keeps on growing we know he'll be a big engineer some day.



CARLYLE W. MILLER

"Carl" Σ A Π

Tech.—E. E.

PICTURED above is a human equal to the speed of light. Carl's ability as a student is only surpassed by his activities in sports and on the waxed floor in ye Tuxedo. It is said that he never burns the midnight oil, his motto being to get homework finished after class or on the subway.

As a drawing board artist, Carl is in a class by himself. Speaking about D. C. machines, he suggests that a tickler coil be put on all dynamos to excite the field, but not many dynamos have funny bones.

No, girls, Carl does not use axle grease on his hair. He sleeps in a patented evacuated rubber night cap keeping every hair in its place.

FREDERICK OBERGFELL

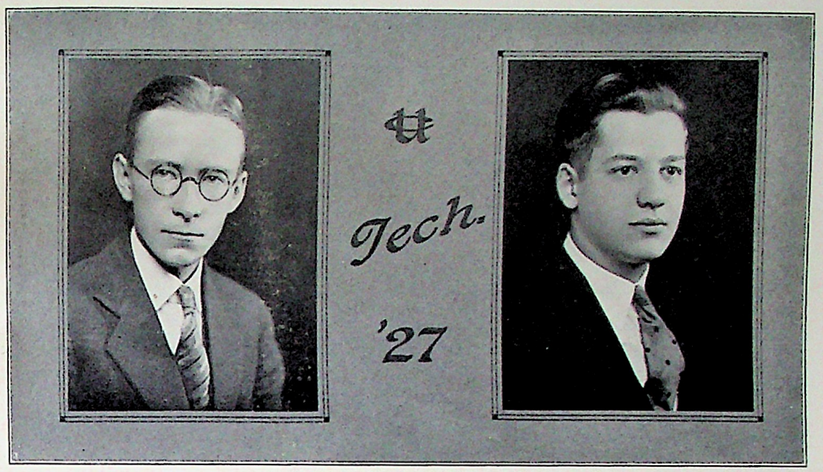
"Frederick"

Tech.—E. E.

THE collegiate, fiddling fisherman from the Bronx! Girls, where has he been all your lives? We will admit, however, that there is not much to be seen of him on a rainy day, although he does not always submerge his six feet in a sou'wester.

Not so—for may not Frederick be seen charging across the Cooper Campus for his weekly dip in hydraulics? Deep waters, but Fred is no small man.

When Frederick draws the bow across his fiddle, great is the music, but alas! it takes a mighty fiddle to charm calculus.



RUDOLPH PAULSON

"Rudy"

Tech—M. E.

RUDOLPH is a product of the frigid north central section of the United States and came all the way South (as he would like to call it) to enter Cooper. He found the winter climate in the city too warm for his constitution, so he now commutes from College Point, where the mercury in thermometers shivers out of sight.

His favorite sport is ice-skating without a coat, but we think he is just trying to make us feel warm.

When Rudolph entered Cooper, our English instructor was not sparing in her praise of his enlightening talk on the Hudson River Tunnel. Some think Rudy is still down in the tunnel for he is always buried in his books whenever you see him.

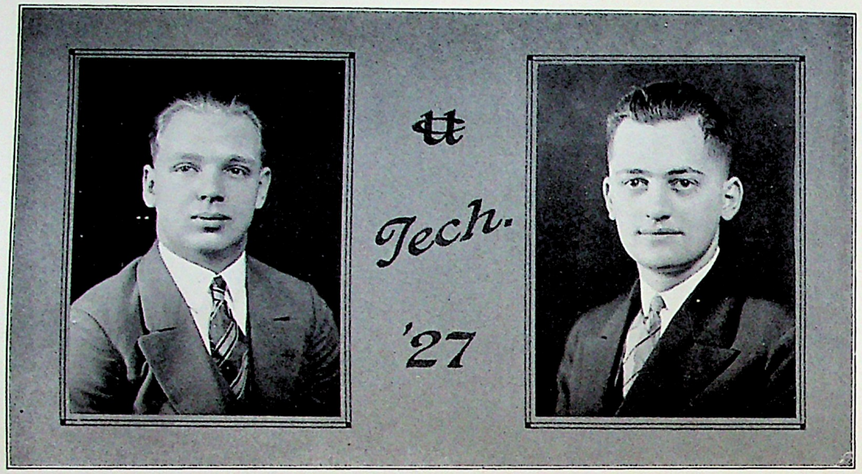
AARON RABINOWITZ

"Rab"

Tech.—E. E.

RABINOWITZ is very quiet when among the fellows, but when at the board he holds the collegiate record for high speed demonstrations. Have you ever heard a conductor calling out stations? Well, that's plain and distinct compared to Aaron's flow of words. During a lecture he always nods his head in acknowledgment of the truth of the prof's statements. He must have gotten that way from associating with Lubkin so much.

We have a sneaking suspicion of Aaron's extra-curricular activities. We think he goes out with women to wild parties because we have heard him sing the song of the inebriate, "Show me the way to go home, I'm tired——". Now how can a fellow sing a song and lead a quiet life?



WALTER RAYMENT

"Walter"

Tech.—E. E.

AS an electrical engineer, Walter would make a good pyrotechnist. To show his skill in this art, he connected the armature leads of a 2 KW machine across 240 volts, and let someone else close the switch. When the switch was closed, everyone in the lab. knew about it. Walter still insists that he did not do it purposely.

Rayment lives in Brooklyn, showing that he has good common sense. Speaking of Brooklyn brings to mind that it is now New York's largest borough. (For further facts about Brooklyn see the I. R. T. movie showing ex-Mayor Hylan leaving office.) Even at that it must be a pretty good place to live in, to judge from the number of Cooper men who live there.

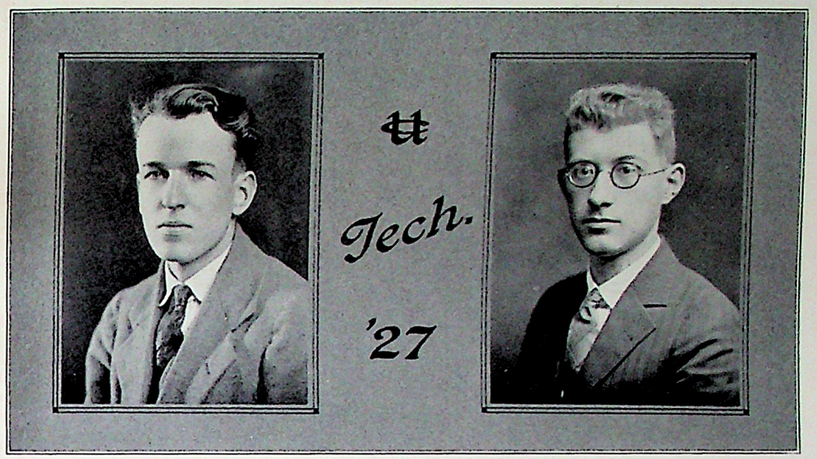
JOSEPH REIBEISEN

"Joe"

Tech.—E. E.

WHO can kill more time with the prof. than Joe when he gets talking on radio? We have a hunch that his real name is Marconi, and that he is trying to put one over on us. His favorite pastime is trying to synchronize hydraulics with Goldy and Dusty from WEAF. They are both dark subjects.

Reib's quiet disposition is exemplified by the fact that he can put up with Lubkin and Rabinowitz in D. C. Laboratory without taking a dive off the Brooklyn Bridge on his way home. Because of his four eyes and alert mind in back of them, he never misses anything in class, and we may also add, on the street. And we don't mean men or automobiles!



RALPH RESSLER

"Ress"

Tech.—E. E.

RESS is the silent man from Bridgeport. He speaks about as much as Cal Coolidge and resembles him a bit too—but perhaps he'll outgrow that.

Ralph has renounced all school activities (including the Art School), and has concentrated his efforts on his studies. He has been rewarded munificently by passing all his courses with ease.

He has a quality that is rare in students (ask any prof). He knows how to work. He always knows his assignments; completes his experiments, even if he has to work until 6 P. M. in the chem. laboratory and when he is late he invariably has an acceptable excuse. The latter is a sure sign of genius.

ISIDORE RUBINOWITZ

"Rube"

Tech.—E. E.

RUBE is one of the class' star mathematicians. As would be expected he is in a class with Rabinowitz and Lubkin.

Rube and Rabinowitz are always confused with each other by the faculty. This renders the path of knowledge easy and unobstructed with the usual sorrows and inconveniences for both Rube and Rab; for when one does not know his lesson the other answers for him, and vice versa. Once the prof called ambiguously upon Er-binowitz to explain a difficult calculus problem to the class. Both boys jumped belligerently to their feet and began to battle royally for the right to reply. At first the reserves were going to be sent for but Rube finished Rab, after which the problem finished Rube and the remainder of the class.

EDWIN SCHWARZ

"Ed" Λ Σ K

Tech.—E. E.

HE might be called "Organizing Ed." but he deserves the more appropriate name of "Argufying Ed." His early training in the field of argument was obtained in the "Allen Debating Class." In this well known forum Ed received his broad views of life and politics which have been such aids to him in class guidance.

Ed might be called a dual character, being intensely interested in sports as well as being conscientiously devoted to his school work. He is always ready to help his fellow students, and in discussing a mystic issue you'll hear his favorite expression, "That's the point!" or "What a chance!"

In the field of sports he has been very active in organizing class hikes, skating and beach parties.

PAUL A. SIPPEL

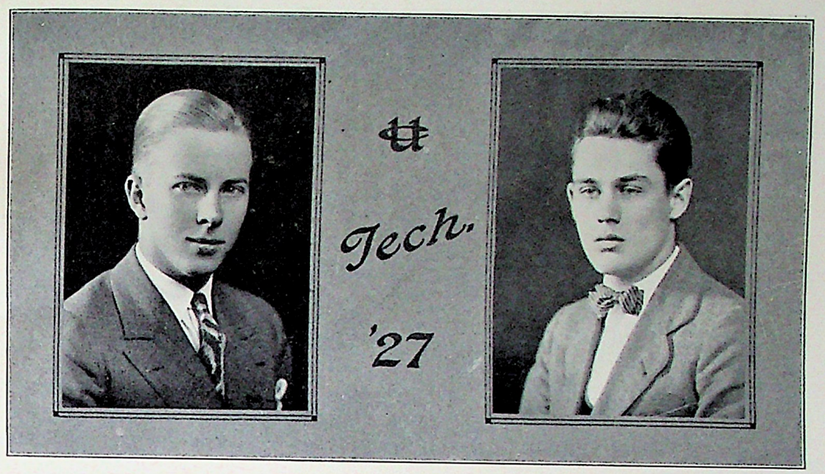
Tech.—C. E.

"Paulie Sipp"

SIPP has had one idea in all his full score of years. It evolved when he first heard of Rip Van Winkle. That was in 1910. True enough, he was awake on Armistice Day, 1918, but it took all the whistles in South Orange and Newark to turn the trick. Rip is only twenty naps ahead of him and Paulie ought to overtake the old boy in about five more surveying periods.

He is seventy-four inches up and weighs two pounds per inch. Wooden sight rods will positively not sustain him.

Paulie is a 100% union man. Every morning at ten o'clock promptly, he falls thru the door and into his seat. Five minutes later he slumps down exhausted, sets the alarm for four-thirty, slides the gears in high and starts off after Rip.



DOUGLAS Y. SMITH

"Doug" Σ A Π

Tech.—E. E.

DOUG is without question the class sheik, as all the Art School girls will agree. The story is told that Doug had at first intended studying at Stevens, but after hearing of the Art School, he decided to come to Cooper instead. Of course, Doug denies this, but we know better.

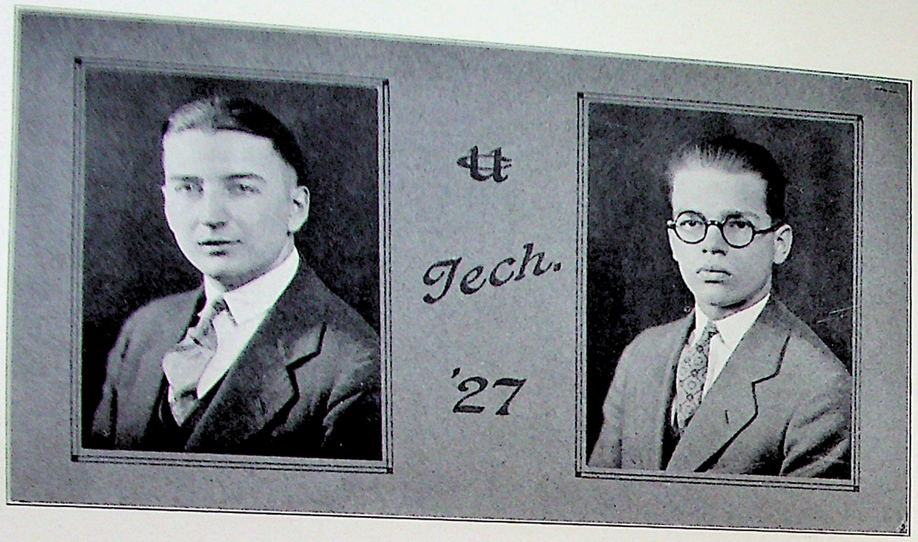
As a sheik, Doug has not made much of an impression in the sands of the cement lab, but then, they are all wet. He never intended to become a brick layer anyhow. As might be expected, "dy" Smith is pretty good in calculus, even if he does forget his integration constants. Where Doug really shines is in the photometric lab. It has at last been discovered that the errors in the photometry experiments were caused by the neck-tie Doug wore while doing the experiment.

PETER VAN WYCK

"Pete"

Tech.—Ch. E.

YOU must be careful to pronounce Van Wyck right. The "y" is silent as in sane. He is one of the most careful students in the laboratories; he always wipes his balance off carefully after he has knocked it on the floor. He is very quick in the lab; when he knocks a beaker off the bench, he has a slip made out for a new one before it hits the floor. Pete likes to study rocks, using his head a lot in this subject. In geology quiz, when in doubt as to answer stalactite or stalagmite, he waited until a "yellowvated" passed and then mumbled both words at once, with an answer of "Correct," from the instructor.



ABNER J. VERNON

"Vernon"

Tech.—C. E.

SOME savant once remarked that "still water runs deep" and we can produce no more sparkling example of the White Rock adage, than Mr. Vernon, visage illustrated above. No ma'am, that is his own face, he is not breaking it in for anyone else.

Being another addict of the Hudson Tubes who resides in Mayor Hague's hamlet, Vernon knows everything, from executing masse shots to executing Calculus.

For a long, long time there was serious discussion concerning Vernon's first name. It couldn't have been Arthur; no, not that. Someone suggested Archibald. However, when it was recalled that he lived in Jersey City, this possibility was likewise eliminated. But, when we discovered that the monicker was ABNER——ye gods!!!!!

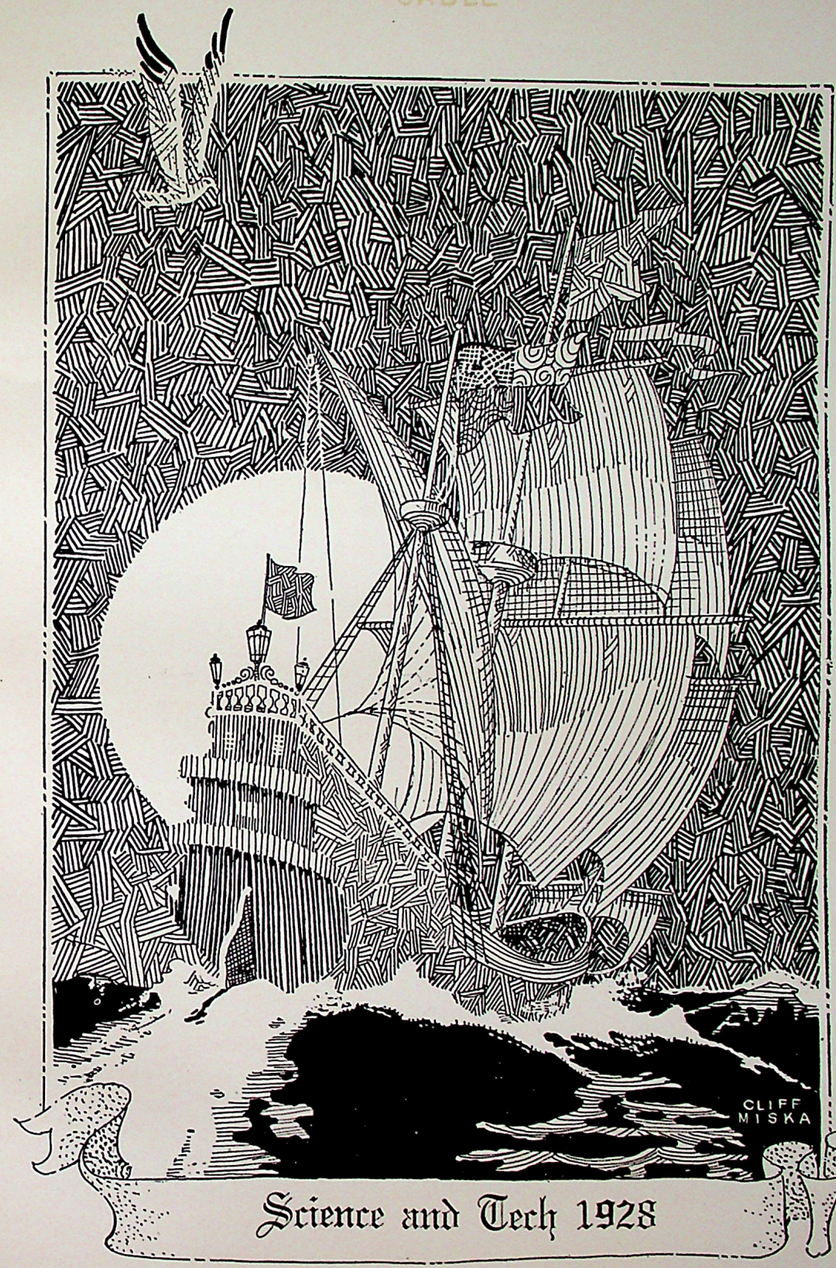
HENRY T. WILHELM

"High Tension" Σ A Π

Tech.—E. E.

He doesn't smoke,
He doesn't chew,
He doesn't drink—
What does he do?

ANOTHER good student among our ranks, another sheik without his camel and burning sands. Henry, alias High Tension, holds the secret to longevity by never being early, and occasionally late. If there is ever a fog in the subway, causing a diminution in speed, he splits hairs with the bell and is greeted with, "Good afternoon, Mr. Wilhelm," from the prof. H. T. may be seen roaming from class to class with his books in one hand and his lunch in the other, having a great hunger for both.



Science and Tech 1928

CHEMISTRY CLASS OF 1928

Chemistry, 1928

President
L. KEBRICK

Vice-President
C. SUTTER

Secretary-Treasurer
C. LASCHIVER

L. KEBRICK

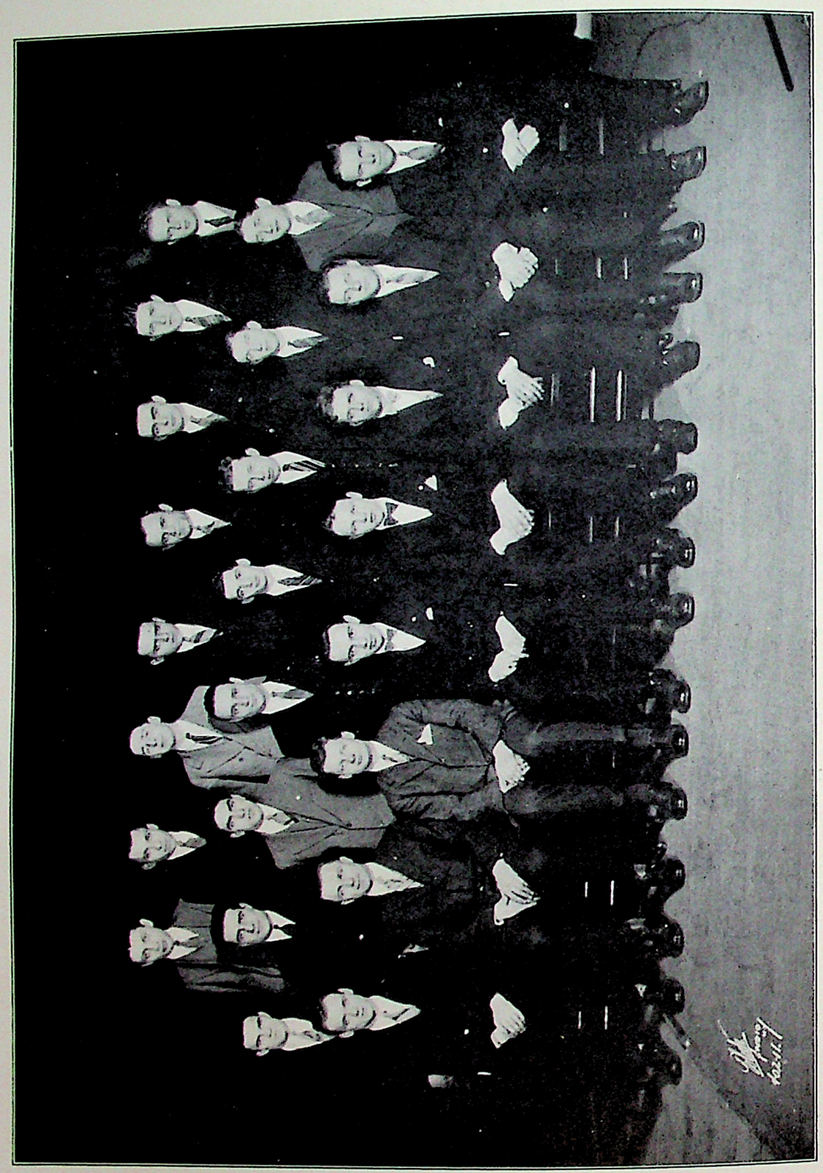
THIS Class was organized in 1922 by threescore youths of diverse vocations but common aspirations. These lads assembled from far and near and came to Cooper Union to quaff, so to speak, from the goblet of knowledge. There adolescent craniums were soon penetrated by a mass of Chemistry and Mathematics which was accompanied by many a headache due to past efforts of Newton, Dalton, and a host of others. After subjection to much corrigibility on the part of the Profs, the tyros brought the year to a close with a theatre party which put them in high spirits that even persisted during a non-descript tour through Chinatown.

The following September, twenty-eight survivors of the first ordeal returned. The boys were by this time well accustomed to mental disorders and encountered no difficulty in grasping a wealth of Chemical Knowledge. They obtained the use of a city gymnasium which was their Saturday afternoon rendezvous; and it was there that their creative minds evolved a new sport which was a pot pourri of basketball, wrestling, boxing and jiu jitsu. Time sped by rapidly, and after a year of much interest in student activities, the boys held a class banquet.

The third inning found only fifteen on the roster, but they were resolved to follow the stoic footsteps of Faust for another thirty weeks. During this term, the class imbibed much knowledge of Chemistry and Physics which incidentally enlarged their vocabularies that were much tried by the crossword puzzles which had just become the vogue. The term was brought to a close with another well attended class banquet.

The erstwhile tyros are now well into the fourth chapter of their intellectually adventurous experience, and being ardent students of Chemistry, they have derived from its study values which are cultural, material and moral; some day, perchance, these accrument will be manifest.

THE HISTORIAN.



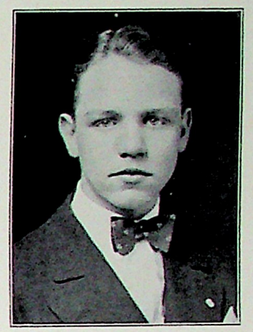
ELECTRICAL ENGINEERING CLASS OF 1928

Electrical Engineering, 1928

President
GEORGE FRIEDL

Vice-President
ALFRED STONE

Secretary-Treasurer
WALTER FRITSCHI



GEORGE FRIEDL

YEARS cannot wither us, nor custom stale our infinite vitality. We have grown older by three years at Cooper (naturally) and wiser, we hope, but not at the expense of our enthusiasm and gaiety. This year we stepped to the bat and scored homers in several extra-curriculum activities. We had been fairly calm for two years, but it was only the calm before the storm. This whirlwind development was largely due to the energy and initiative of our officers, of whom we are justly proud.

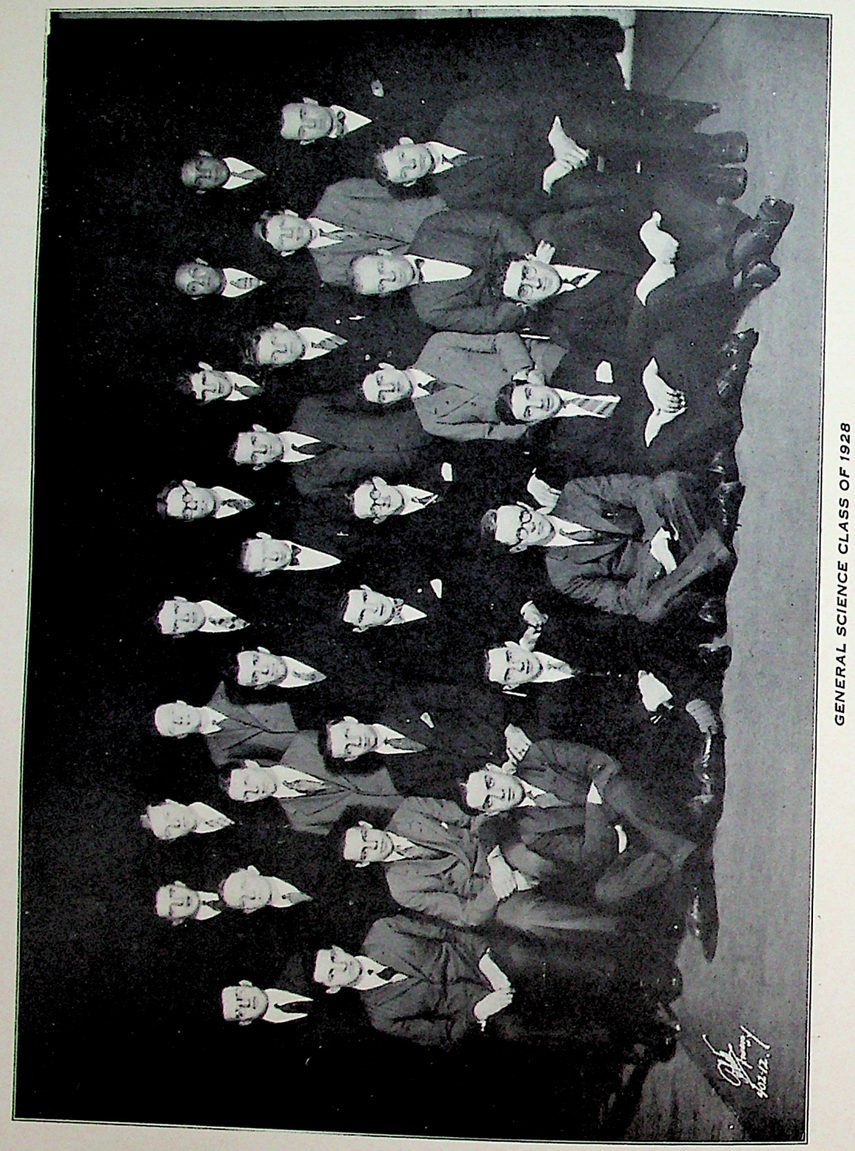
The feature of our social year was our Valentine Dance, held jointly with General Science, '28 at the Waldorf Apartments, Waldorf-Astoria Hotel, where we discovered how many sheiks were masquerading in our midst. We were also introduced to several of the charming reasons why the ten calculus problems for home-work are often left undone. The boys who went to the dance, whistling the melody, "Remember" and smiling, came home yodelling "Always" with a gulp in the throat. The faculty was represented by Messrs. Peterson, Mason, and Broadgate, who enjoyed themselves, not as a matter of form, but as a matter of fact.

We have stood behind the Pioneer and Cable, due to the fine work of Congilose and Kessler. We made a 100 per cent. subscription to the Cable, all paid up in advance.

At one of our recent meetings, money was appropriated for a class banner, and a committee appointed to select and purchase it, with orders to report first to an oculist for examination in case of possible color blindness. Several designs have been discussed, and there has been much heated argument, but harmony (of color and opinion) is in prospect. We are going to give our banner its "baptism of fire" at the annual dance in April.

Our next battle is with the spring examinations. May we all meet again next year.

THE HISTORIAN.



GENERAL SCIENCE CLASS OF 1928

General Science, 1928

President
HERMAN G. PELLNITZ

Vice-President
HUGH C. CLARKE

Treasurer
GEORGE W. MORGENROTH

Secretary
CARL VILL

HERMAN G. PELLNITZ

THE General Science Class of 1928 entered Cooper Union in the fall of 1923. At the end of the term, the class forgot its studies long enough to attend a theatre party at the Sam Harris Theatre. The show was the "Nervous Wreck" which we thought very appropriate after having taken our examinations a few days before. From theatre we went to Shanley's Restaurant where a beefsteak dinner was enjoyed. After a little of New York high life, we silently departed for home, none the wiser for our experience.

When we returned after the summer, our ranks had grown much thinner. however, we heartily supported all the activities,—football, basketball, track and even swimming teams. After the examinations, we joined the Faculty in a party at the Little Theatre. We saw "Pigs" and then went to the 44th St. Hotel to satisfy our appetites and expand our lungs. Even our Faculty enjoyed the merriment, and in the wee, small hours of the morning, we "tried" to proceed home.

Upon entering our class room on the first Friday of this year, we were introduced to a new friend,—one whom we would be able to conquer and win over if we courted well and were interested enough to pay her much time and attention. This young friend, if we may call her this, is Dame Calculus, and she demands most of our time.

We joined hands with the Electrical Engineers and enjoyed a Valentine Dance at the Waldorf-Astoria Hotel together.

We were again prompted to attend to our studies and examinations, only to be parted with a friendly good-by, but not for good. We will return for more studies after our vacation.

THE HISTORIAN.

INSTITUTE OF TECHNOLOGY CLASS OF 1928

Institute of Technology, 1928

President
GEORGE COLVIN

Vice-President
EDWARD F. STAVER

Secretary
EDWARD SHERCK

Treasurer
EDGAR T. REYNOLDS

GEORGE COLVIN

THE Sophomore Class of the Day Tech of 1925-26 was, as far as purely sophomore activities were concerned, rather lax, as very few occasions presented themselves where the sophomore class was concerned alone, but as regards entering into general school activities, the members of the class put "Johnny-on-the-spot" to shame.

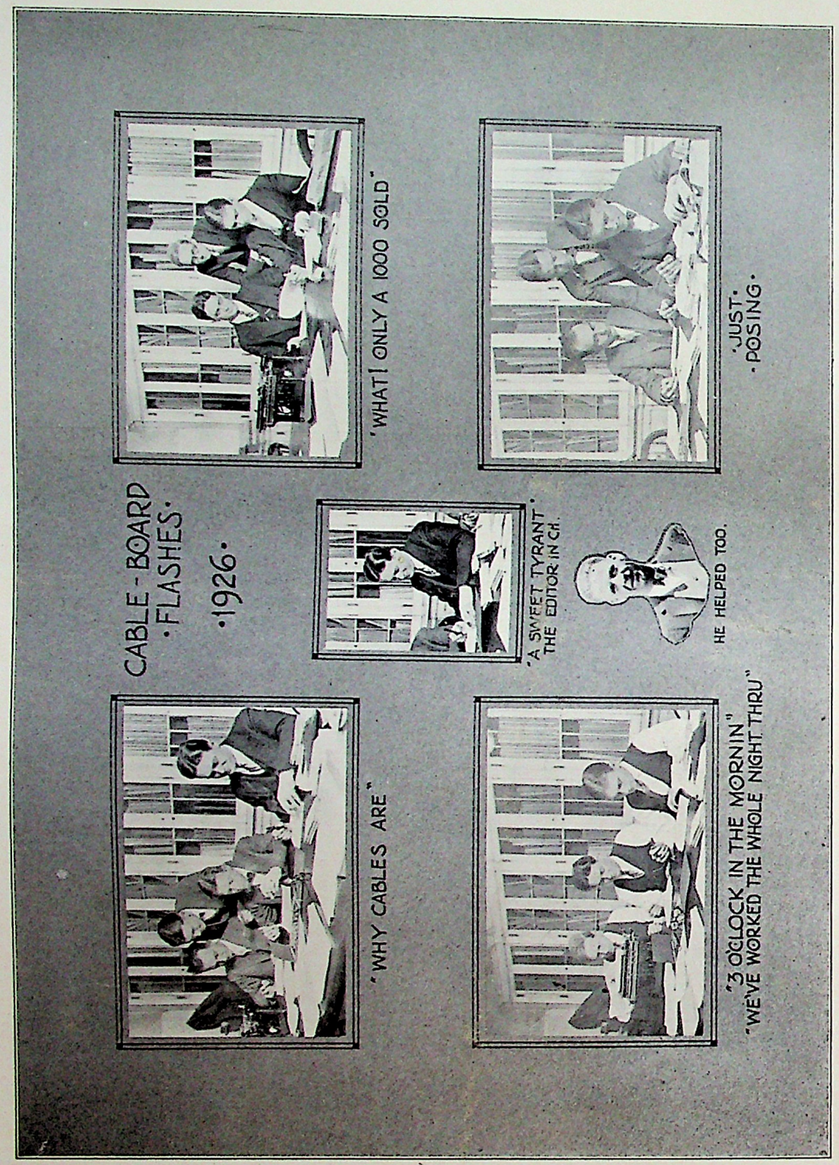
The first meeting of the year was held the second week in October. Officers were elected immediately.

The class was very much in evidence in regards to the management of the "Pioneer," the following sophs being members of the Pioneer Board: Mr. Staver, Editor-in-chief; Mr. Durfee, Managing Editor; Mr. Wood, Day Circulation Manager, after Mr. Wolf's resignation due to scholarship duties; Mr. Reynolds, Exchange Editor; Mr. Lustig, "Bitz of Witz" column; Mr. Kelly, Alumni Editor; Mr. Vanderhout, Mr. Colvin, Mr. De Voe, Mr. Sherck, and Mr. Kessler comprising the Technical Board.

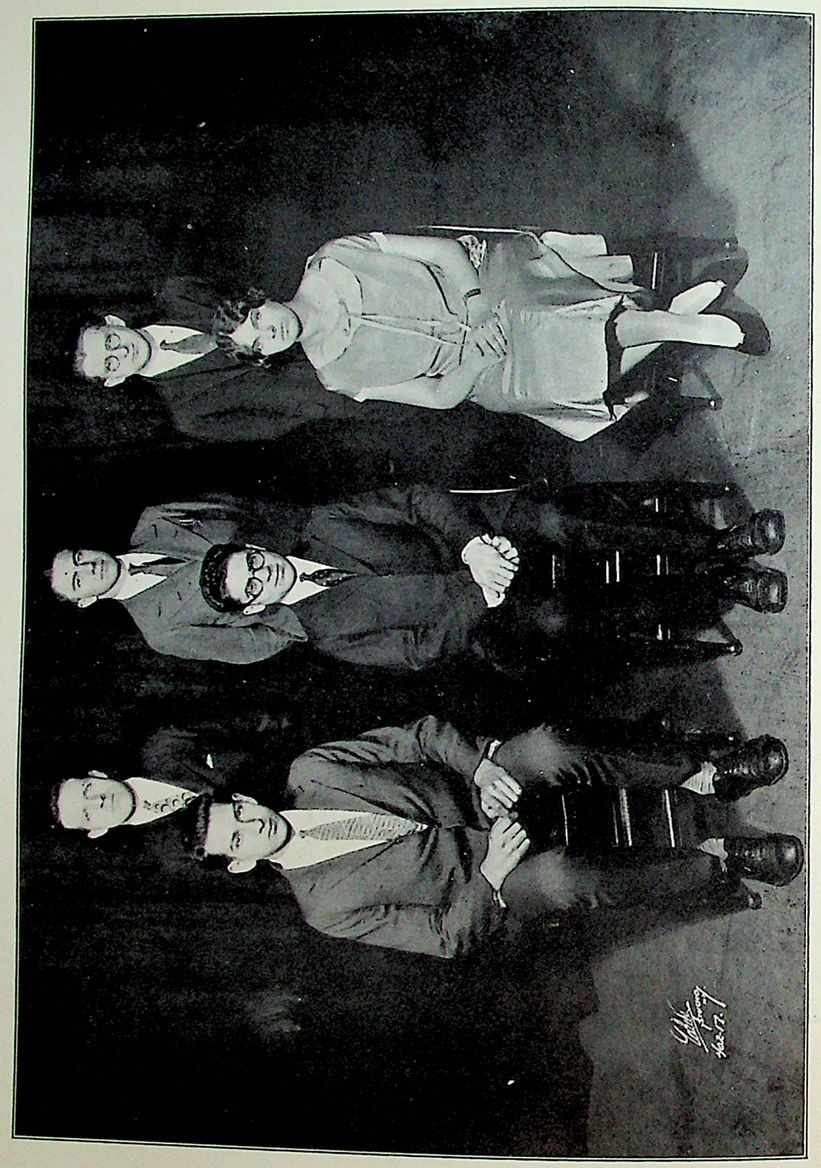
Mr. Sherck was largely responsible for the staging of the first annual Pioneer Dinner in which the Day Art School co-operated with the Day and Night Science School members of the board to jointly hold the dinner, and which was a huge success.

On the 26th of February, a second meeting of the class was called by Mr. Colvin for the purpose of discussing a theatre party to be held by the class. The affair was voted a "stag" dinner and the theatre party, surpassed the expectations of the most optomistic members of the class. Mr. Saravisky, Mr. Wolf, Mr. Boquio and Mr. Durfee vied with each other for the title of "Chief Comedian."

Besides the activities mentioned, Mr. Heydorn, Mr. Colvin, and Mr. Wood were members of the Tech Basketball Team.



Science and Tech 1929



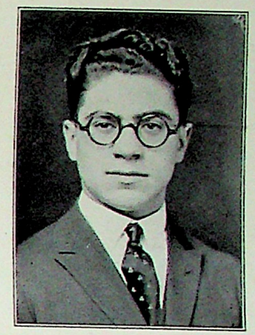
CHEMISTRY CLASS OF 1929

Chemistry, 1929

President
T. G. HEISRE

Vice-President
A. MINSKY

Secretary-Treasurer
E. FISCHER (MISS)



T. G. HEISRE

A GROUP, small in number yet large in spirit, of serious minded, industrious individuals, their interests and endeavors, mutually united in the attainment of a common object—such is the Chemistry Class of 1929.

Early in its career the importance and necessity of certain factors of school life other than the main one were appreciated. This was evidenced by the spirit shown in support of the various student activities. A class dinner recently held was most successful, and did much to further a spirit of good fellowship and to increase the strength of the common bond between the members. An informal gathering, in the form of a boat ride and outing on the Hudson River to Indian Point, was held later. This affair established further verification of the fact that the bond of friendliness so auspiciously started at the dinner will maintain its strength in the future.

The ranks of the Chemistry class of 1929 boast several men who are active in the various phases of student life. They are well represented in athletics, student organizations and in social affairs and their achievements have reflected the calibre of the class in general.

We look forward to our return to Cooper next fall, to continue our college friendships, and to help make our Alma Mater's name renown.

THE HISTORIAN.

CHEMICAL ENGINEERING CLASS OF 1929

Chemical Engineering, 1929

President
M. KOBLISH

Vice-President
M. E. ADAMO

Secretary-Treasurer
T. M. WATSON

M. KOBLISH

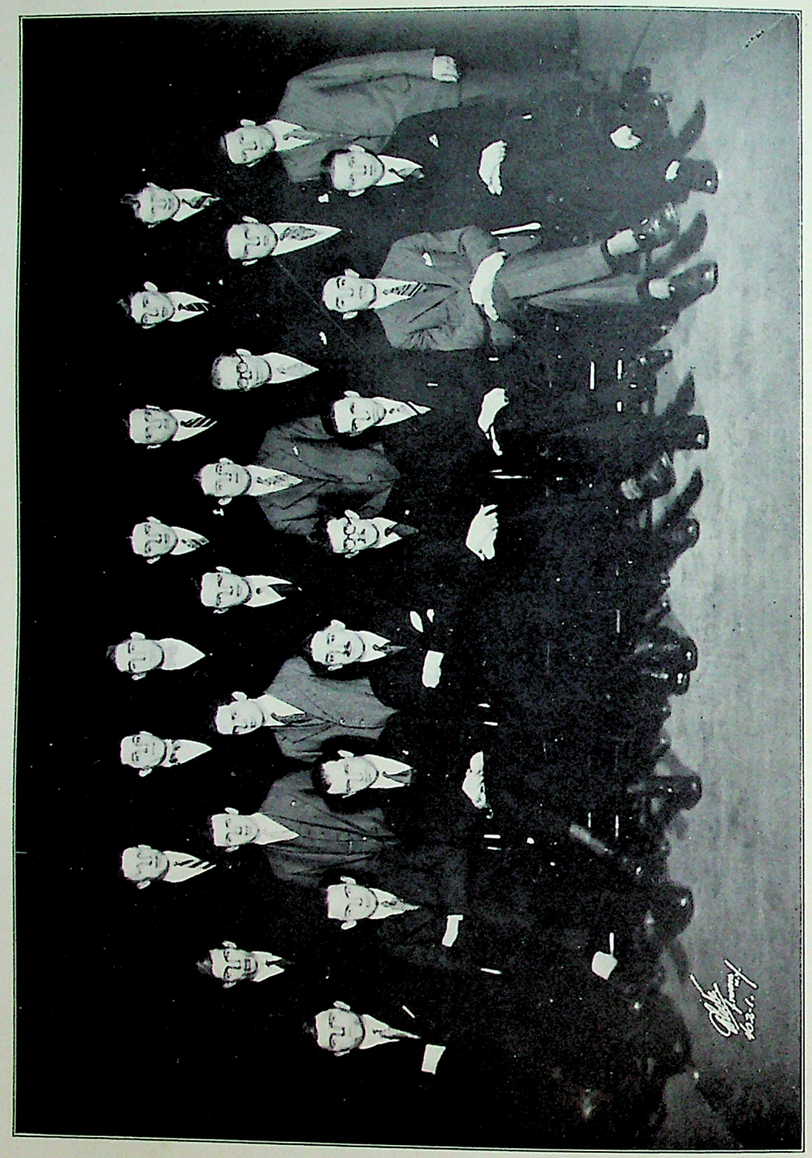
TO hold the front line trenches against a phantom foe and then by sheer perseverance and moral courage muster strength enough to combat the enemy and finally remain triumphant has been the position which the Chemical Engineering Class of 1929 occupied.

Through the highly appreciated efforts of Dean Hartman and of the Trustees, a new course was included in the curriculum of the School of Science, namely, Chemical Engineering and it fell to our lot to initiate it. As it is one of the most difficult things to successfully combat or assimilate anything new, we can fully appreciate the responsibility thrust upon us. But woe to the man or group of men that seek to stand in our way in our great endeavor to break through the line of obstacles.

It is too premature to predict greatness among our colleagues, but already a few brilliant lights can be seen rising on the horizon. Let us hope that to-morrow, they will blaze forth in their luster and in dazzling splendor attain the summit of the Chemical Engineering field.

Due to the new course and its greater aspects, most of the third year Chemistry men altered their schedules so as to reap the benefits of the change. This precipitated a new election of officers and a new constitution. The end of the present school year finds a homogeneous class, truly thankful to those in authority whose foresight instituted this new course.

THE HISTORIAN.



ELECTRICAL ENGINEERING CLASS OF 1929

Electrical Engineering, 1929

President
LOUIS DUNDATSCHECK

Vice-President
GEORGE J. V. FALEY

Secretary
EDWARD VAN SICKLEN

Treasurer
KURT SCHOENFELD

LOUIS DUNDATSCHECK

OCTOBER of 1925 saw the Electrical Engineering Class of '29 gathered together again for their struggle to obtain the title of an engineer. The majority of the class of the preceding year had returned. Last year, however, it was divided into three sections, but this year there are only two sections, showing that quite a number are missing from last year's list.

It was very pleasant to come back to the Halls of Cooper and greet old friends, to shake their hands in the strong grasp of friendship, and to exchange stories of what had happened since the parting the previous spring.

At the very start, the class held an election, and the officers above were elected. By this time, everybody was engrossed in studies and as the saying goes, had his nose to the grindstone. The only activities were the disposal of the Pioneer by Holt and Van Sicklen, and the Cable by Faley.

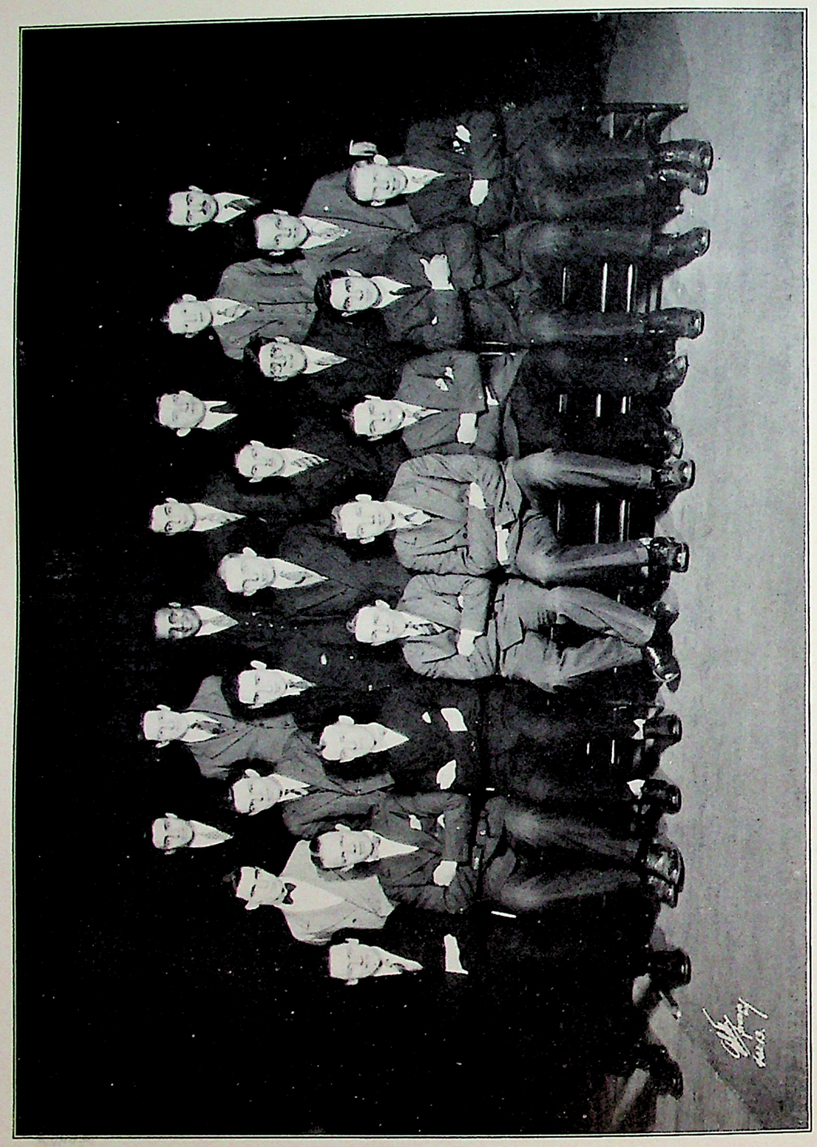
Recently, however, contrary to the general opinion, a meeting was held to decide upon a "get together" of the members of the class. At the meeting, it was decided to hold a theatre party and follow it with a supper. A committee was chosen to make the necessary arrangements and we know they will arrange a very enjoyable time for us.

Next thing we look forward to after the "Big Time Night," are examinations, and then another well deserved rest.

THE HISTORIAN.

CABLE

NINETEEN HUNDRED and TWENTY SIX



GENERAL SCIENCE CLASS OF 1929

General Science, 1929

President
A. P. ENDERS

Vice-President
H. FEINBERG

Secretary
C. E. VOORHIS

Treasurer
S. LIEBOWITZ

A. P. ENDERS

A SADLY depleted, earnest looking group appeared in October to resume their struggles with mathematics and science. The noticeable cut in the roll call has made every one of them all the more determined to "beat old Cooper" at its own game, and as this book goes to press, all of them are looking forward to the day when they once more re-enter the spacious halls of Cooper as dignified third year men. Here's luck to all of you, boys.

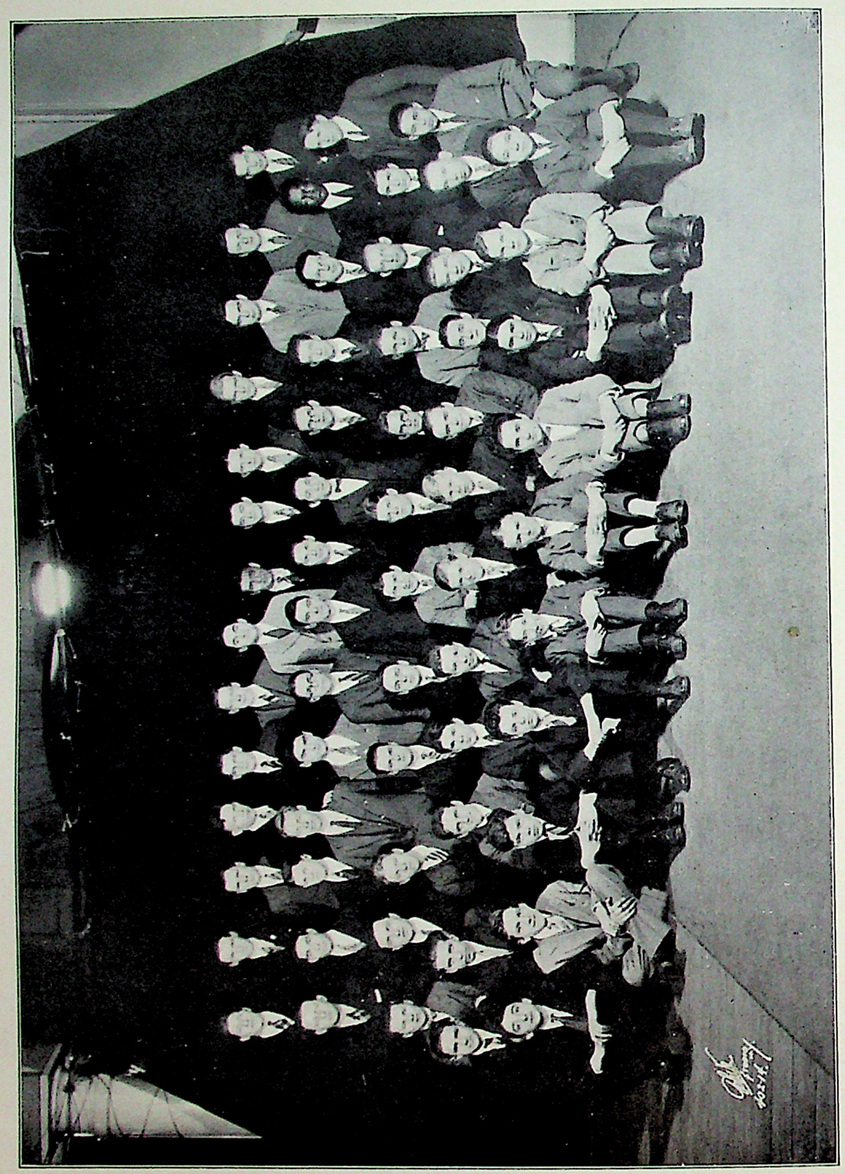
The first class meeting was held in October to elect class officers for the college year. One week later, the die was cast and the afore-mentioned men were chosen to handle the affairs of the class. They have functioned extremely well, as the class has emerged from all school affairs with an enviable record. We hereby give them all the credit, along with a huge bouquet of thanks.

About the first of December, another meeting was held to discuss the class's annual affair. If it hadn't been for the guardians of dear old Cooper, this meeting never would have broken up. Everybody was chock full of ideas so that the minimum percentage of enthusiasm was about 500 per cent. And that's putting it doggone mildly, yes, too mildly.

A theatre party and dinner were held on March 6th. It was a huge success, and there appeared in our midst talent which had heretofore been unsuspected. As engineers some of us would undoubtedly make good comedians. The group broke up early in the morning as it was getting rather difficult to keep some of the members from wandering and thus getting lost.

A commendable record has been made by the Class in all of Cooper's athletic activities. Next year will probably see the names of many of Cooper's star athletes on our class roll, doing their stuff on the gridiron, basketball court, track, and mat.

THE HISTORIAN.



INSTITUTE OF TECHNOLOGY CLASS OF 1929

Institute of Technology, Class of 1929

President
CHARLES A. ROHR

Vice-President
CARROLL L. JOHNSON

Treasurer
WILFRED HENSCHAL

Secretary
CALEB J. WESTERGRAD

CHARLES A. ROHR

WELCOME, was the order of the day when we entered Cooper. Sophomores, Juniors and the mighty Seniors joined in welcoming the newcomers with open arms at a get-acquainted party.

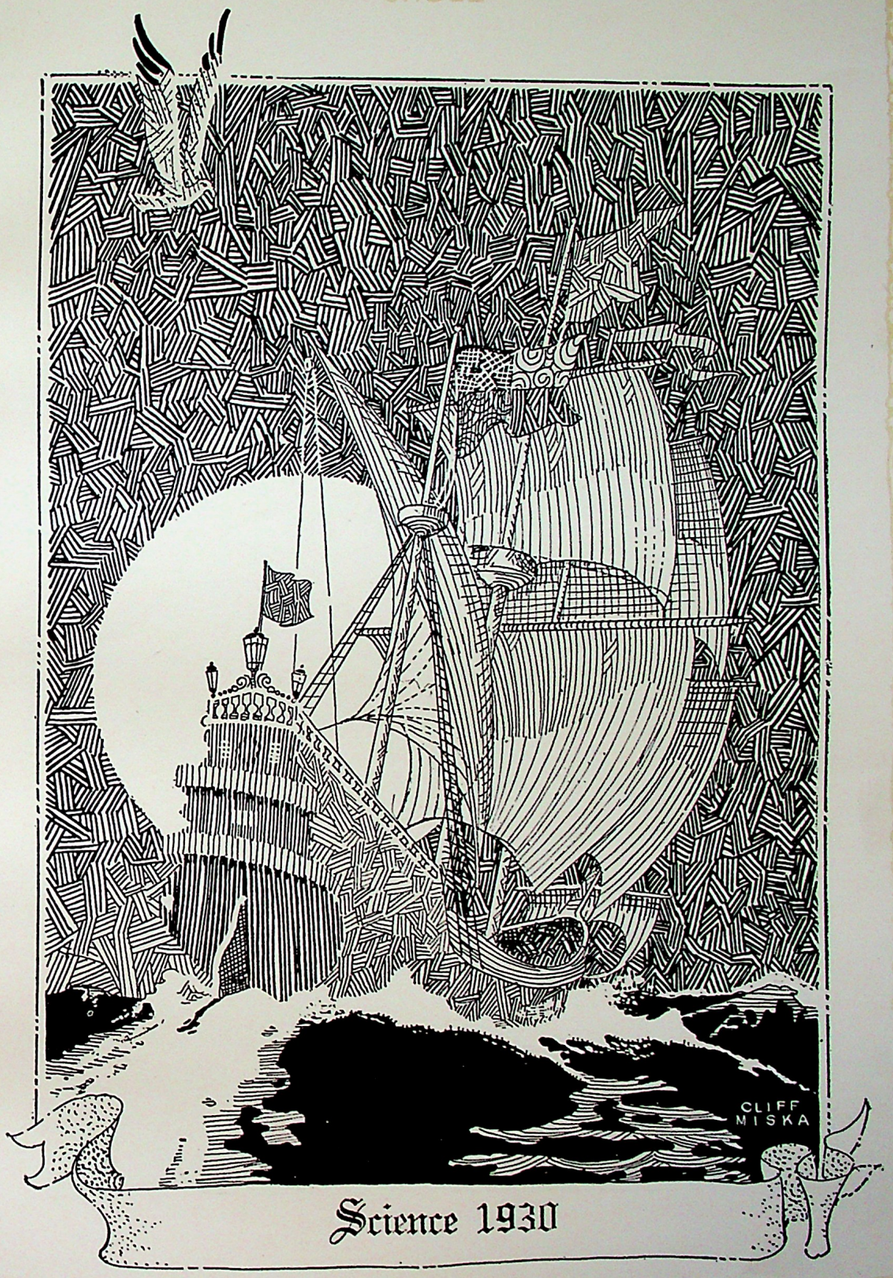
And, then after several days, when the neophyte had been made to feel at home, he was put to work. He was asked to explain, improve, see "A" on cover page, describe in detail, define, report, and also why, what, how, when, no and vague. He was given essays to write, lectures to report, unknowns to unravel. H_2S to inhale and a physical examination. (He'll need another when he gets out.) He was begged to buy the Pioneer, support the A. A., try out for the basketball team, go to the Tech Dance, keep up in his work, join the clubs and stay awake at lectures.

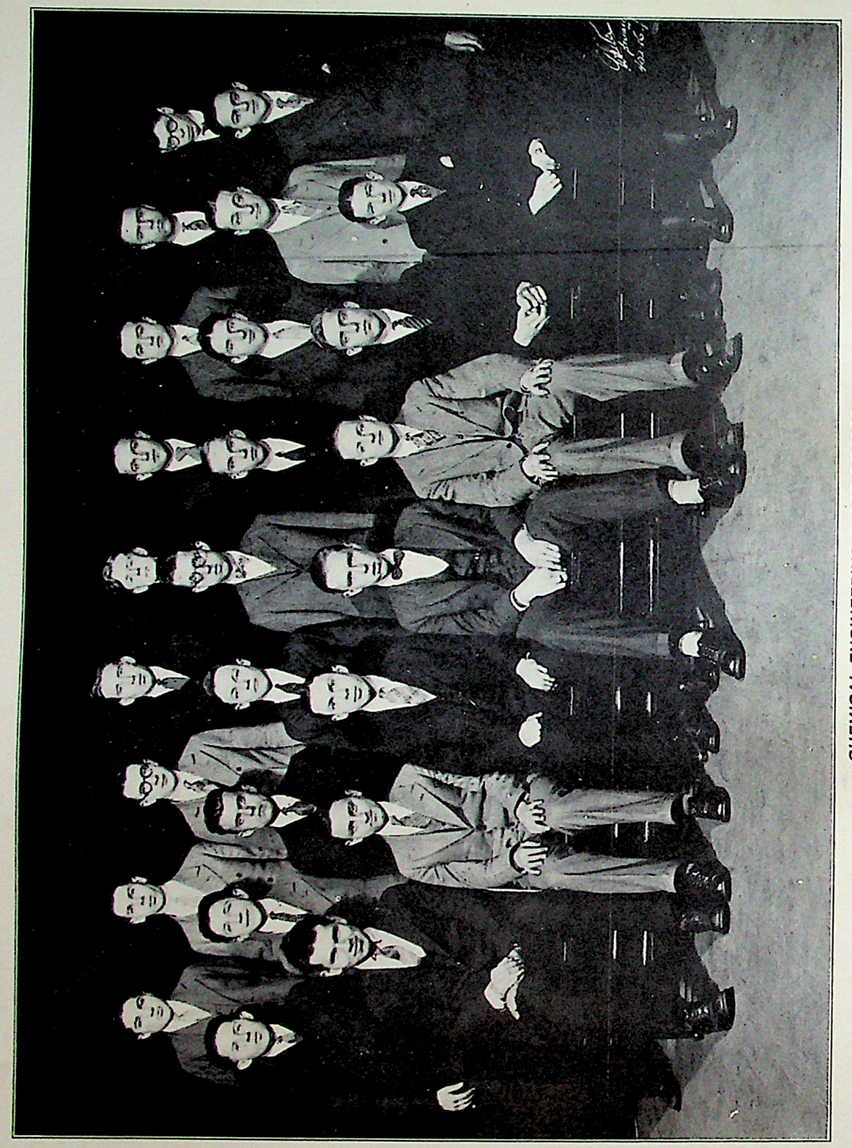
Early in the year, the class was organized and meetings were held to discuss the weighty affairs which burden the so-called mind of the freshman. A dance was proposed and preparations are now being made to hold it at the Hotel McAlphin. The Thanksgiving entertainment provided a medium through which talented members of the class might display their stuff. The Tech Orchestra consists of Freshmen to a large extent, and the Varsity basketball team has engaged the services of two first year men. The Freshman issue of the Pioneer is the outstanding feature of all. An entire issue of the Pioneer was completely edited by the Freshmen alone.

This completes the list of our accomplishments for the year. Judge us not too harshly, ye sophisticated reader, for remember you were all freshmen once, if not twice.

THE HISTORIAN.

-JUNIOR FROLICS-
AWAY-FROM-BOOKS-
"JERRY OFF THE JOB"
"CAN SHE ♫ MAKE THAT NOODLE b* SOUP"
CU
WHERE'S THE HORSES?
·WHERE·MEN·ARE·MEN·


CLIFF MISKA
Science 1930



CHEMICAL ENGINEERING CLASS OF 1930

Chemical Engineering, 1930

President
FRANK I. STROM

Vice-President
H. J. MICHAELS

Secretary
R. J. KUNTZ

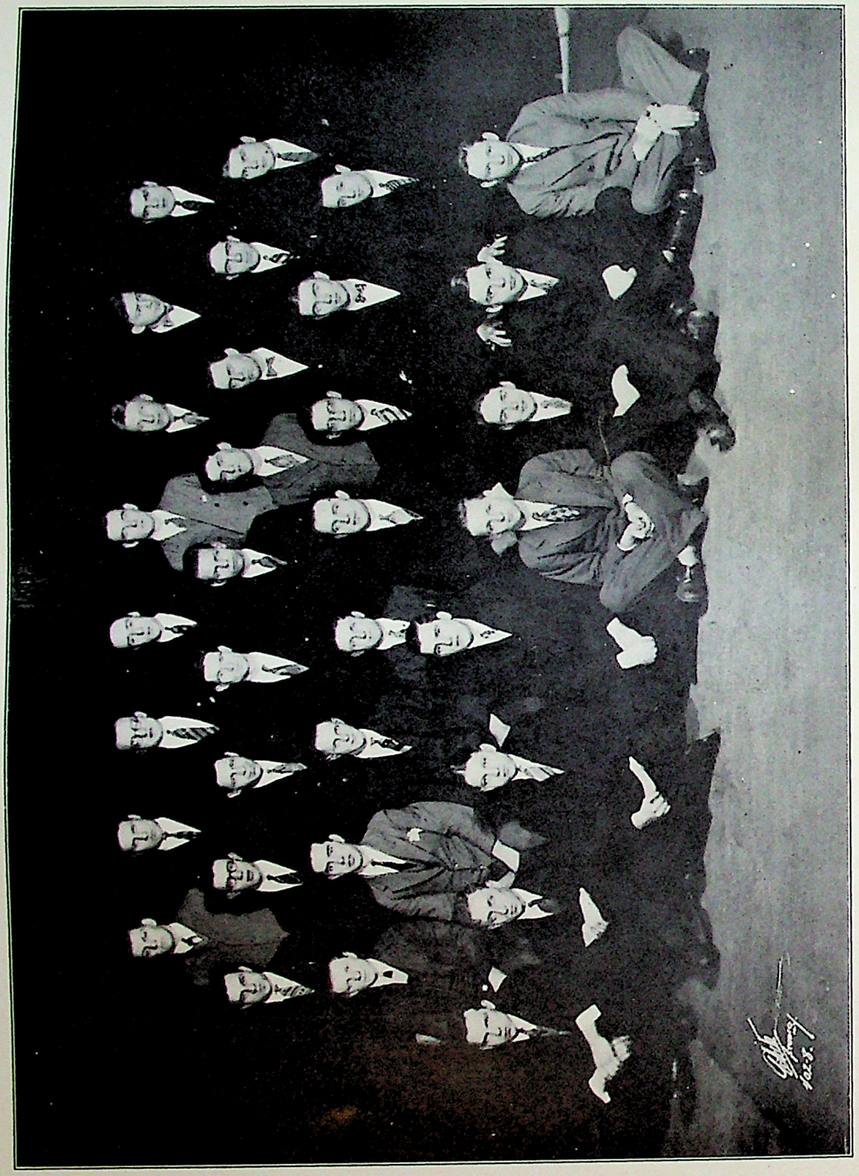
Treasurer
C. A. DE VYVER

FRANK I. STROM

THE Chemical Engineering Class of 1930 was organized in October, 1925. Early in the term, temporary class officers were chosen by the Cooper Union Council. At subsequent class meetings, a constitution and by-laws were adopted. The officers named above were elected and a program of activities was outlined. An entertainment committee was appointed to place before the class such social entertainment as it deemed good. Due to the fact that the majority of the class were strangers to each other, the committee decided that a theatre party, followed by a dinner, be held in order to bring the members of the class in closer contact with each other. The plan was approved, a date was set, and all the arrangements were left to the committee. The party was the outstanding event of the year in the history of the class. It was held on Saturday evening, April 17. The class was accompanied by a few members of the faculty. We visited Earl Carroll's Vanities. An enjoyable three hours in the theatre was followed by a beefsteak dinner at Marzulli's Restaurant, where classroom conventionality was forgotten and class members and faculty members swapped yarns with each other. It was the time of a life time, and in years to come, the members of the class will have fond memories of that memorable Freshman dinner.

The class intends to have a more varied program of activities during the following year, and hopes that it will be as well supported as this year's program.

THE HISTORIAN.



ELECTRICAL ENGINEERING CLASS OF 1930

Electrical Engineering, 1930

President
W. E. Le Claire

Vice-President
C. Borges

Secretary
C. Schneider

Treasurer
F. Wudte

C. BORGES

ON October 6th, 1925, one hundred and seven men entered the first year class in electrical engineering. Every man realized what was in store for the learned, and was most desirous of grasping the opportunity afforded by Cooper. They were prepared to battle their way through five long years of toil to that wonderful day of graduation.

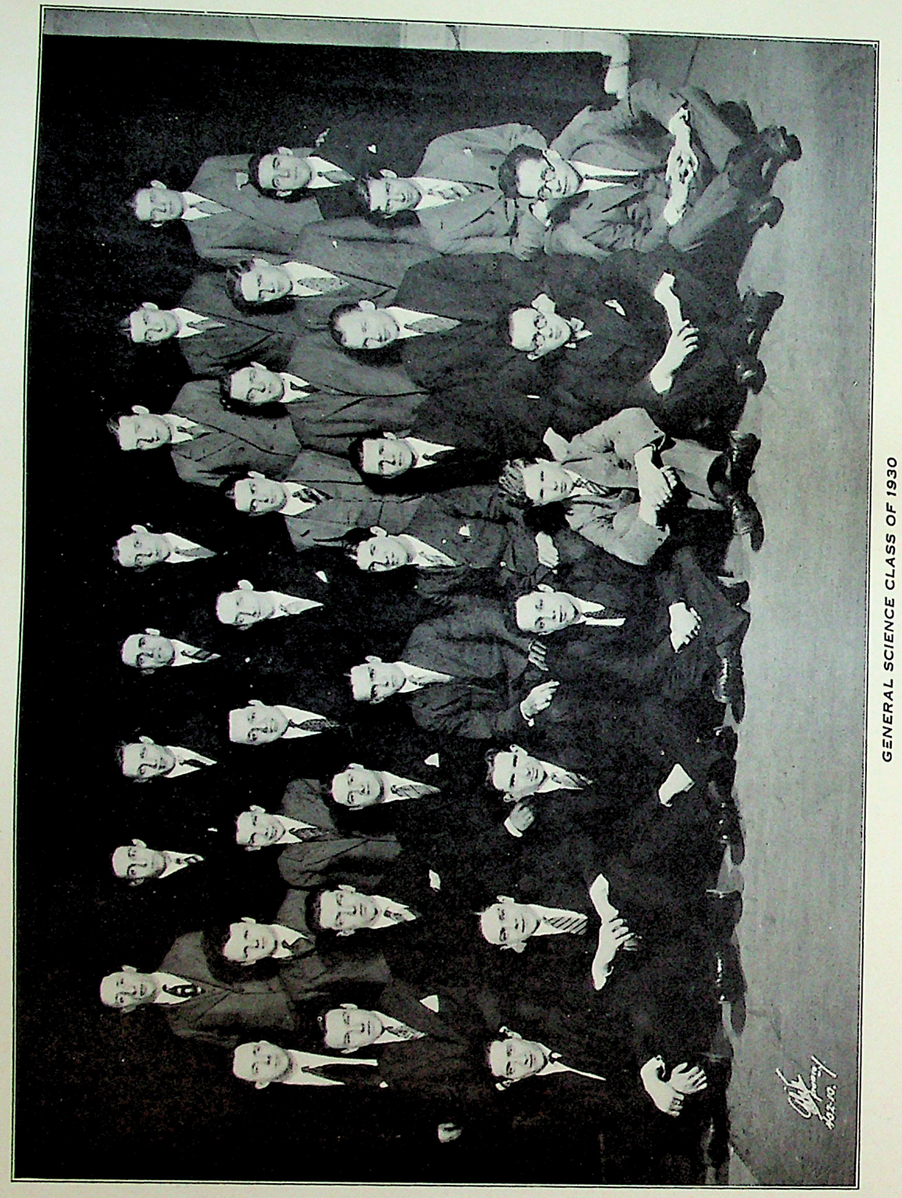
The large number of men was divided into three sections. The days soon turned into weeks, and a call came for delegates from each section, to be selected by the students themselves, and in turn these delegates were to elect their Class President. Mr. Le Claire was elected President of the Class. Unfortunately, however, Mr. Le Claire has been forced to leave Cooper until next fall, because of ill-health. The cry of "Carry On" came to the Vice-President, and a new student assumed the responsibilities.

The term gradually passed. The mid-term examination in algebra reminded the class that the first quarter of the term was ended. By this time the strain was beginning to tell. The Christmas holidays arrived, bringing two week's relaxation from the continual drive. Many men took this opportunity to visit their homes.

During this time, the students were becoming better acquainted. The Class planned a theatre party, which was greatly enjoyed, and brought the entire class together in a friendly way.

The Class realizes what Cooper is doing for it, and this history would not be complete without a tribute to the faculty, those men who have given sc freely of their time and energy in guiding us to our goal. That we may justify their faith in us, and achieve the ideals for which they have worked, is the hope of the Class.

The Historian.



GENERAL SCIENCE CLASS OF 1930

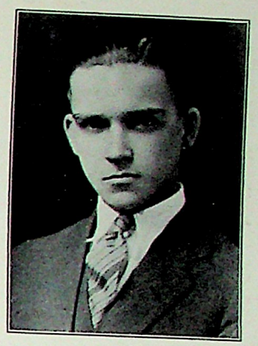
General Science, 1930

President
G. T. HENDERSON

Vice-President
J. C. FLEMING

Secretary
F. C. HUNDLEY

Treasurer
T. R. JENNINGS



G. T. HENDERSON

THIS being a History of a Class which has no history, ye editors are desirous of fashioning it after the subject of some well known repartee, "Long enough to cover the subject, yet short enough to be interesting."

"Twas a balmy autumn evening and a goodly crowd was there,
That well nigh filled old Cooper, down on Cooper Square."

With apologies to Antoine D'Arcy, the above will aptly describe the gathering of the 1930 General Science Class on October 3rd, 1925, when we met for the first time and eyed each other up and down and wondered.

Nothing much transpired for a few weeks, and then the Class held an election. Mr. Henderson became our President. The first meeting of the Class was held in the Chemical Laboratory and suggestions for class activities were given. The Class voted to hold a dinner and dance at the Hotel Claridge. The prospective engineers trotted out their best "gals" and their company manners at the dinner and later in the evening, the latest dance steps to the accompaniment of an orchestra, which made the soles of one's feet just "itch" and imbued all with that "rarin' and tarin' to go" feeling.

The outstanding feature of the Class is the numbering of a coming champ sprinter among its members. Al Milford of Section2 and a member of the School track team, carried off the honors in the recent Fordham College track meet.

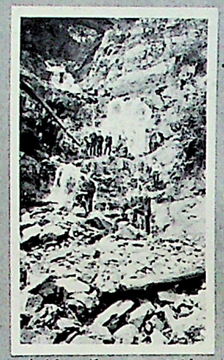
We have intended to write this History in a more or less humorous vein and apologize to all whose ideas of humor do not agree with ours, but passing from the ridiculous to the sublime, we all agree that the Class will live up to the best standards of Cooper and we hope will ultimately attain the objective to which it has aspired.

THE HISTORIAN.

JUNIOR FROLICS

Junior Notables on the Sands of Long Beach

Four Horse Power

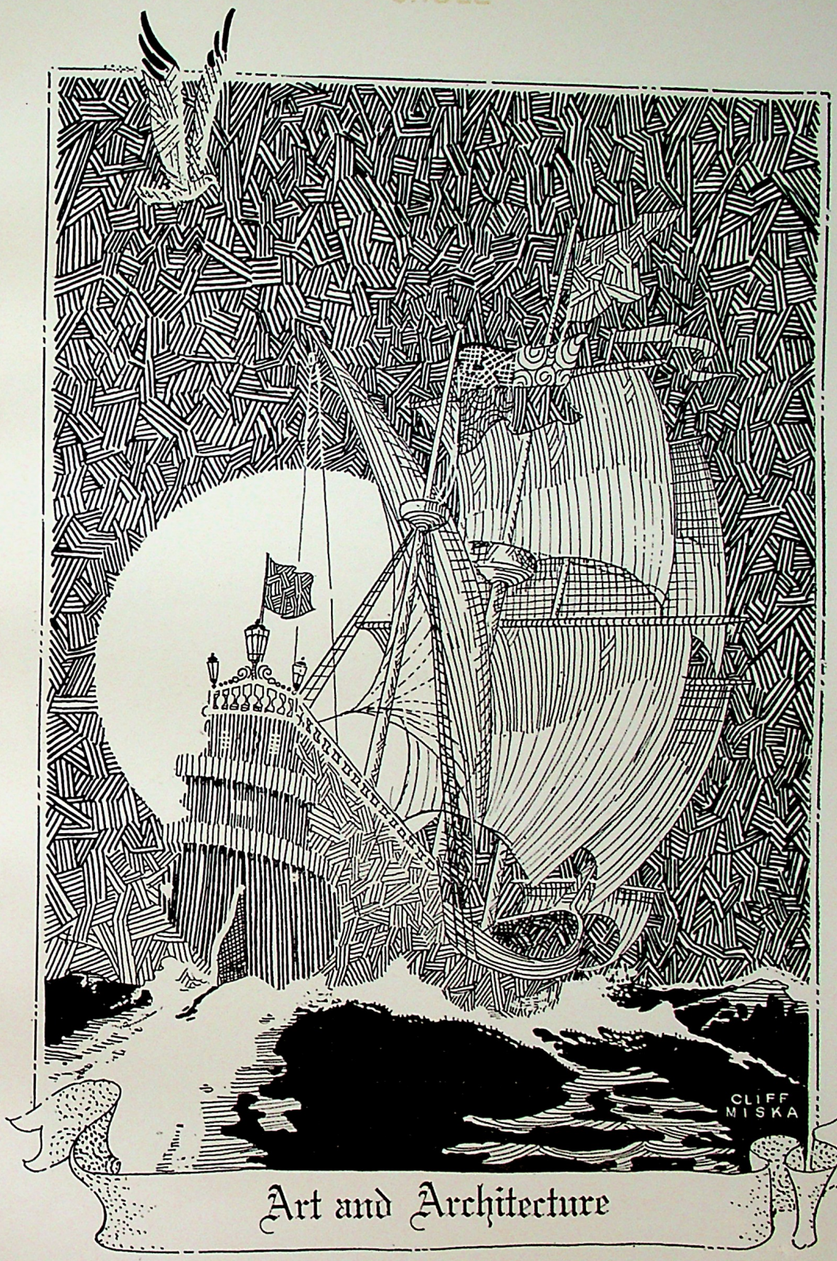


Find the Junior Hikers.

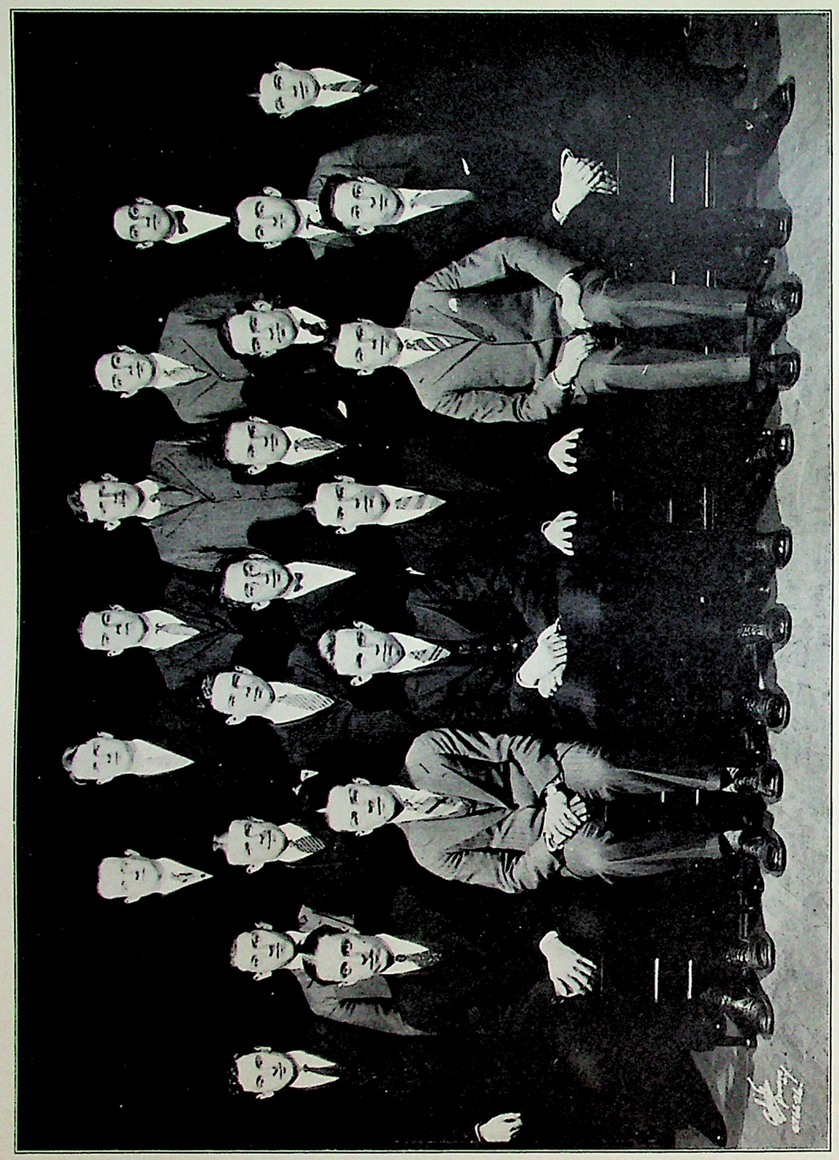
The Summer Beach Party

Who Would Think It!

Ready for Grub



Art and Architecture



ARCHITECTURAL CLASS OF 1927

Architecture, 1927

President
JAMES W. MCCABE

Vice-President
GEORGE THOMPSON

Secretary
NORMAN FEITNER

Treasurer
FRANK A. DE SANTIS

JAMES W. McCABE

OUR third undergraduate year has passed, and in keeping with the ancient custom, we pause a moment to look back and review our course at Cooper. Let us, then, turn back to the beginning of the course which is to be the foundation of our careers.

The first year we devoted mainly to the process of becoming acclimated to our new surroundings. Student activities and our studies divided our time, and we gave a good account of ourselves in both.

The second year brought with it a more difficult program of school work and broader opportunities in the field of student activities.

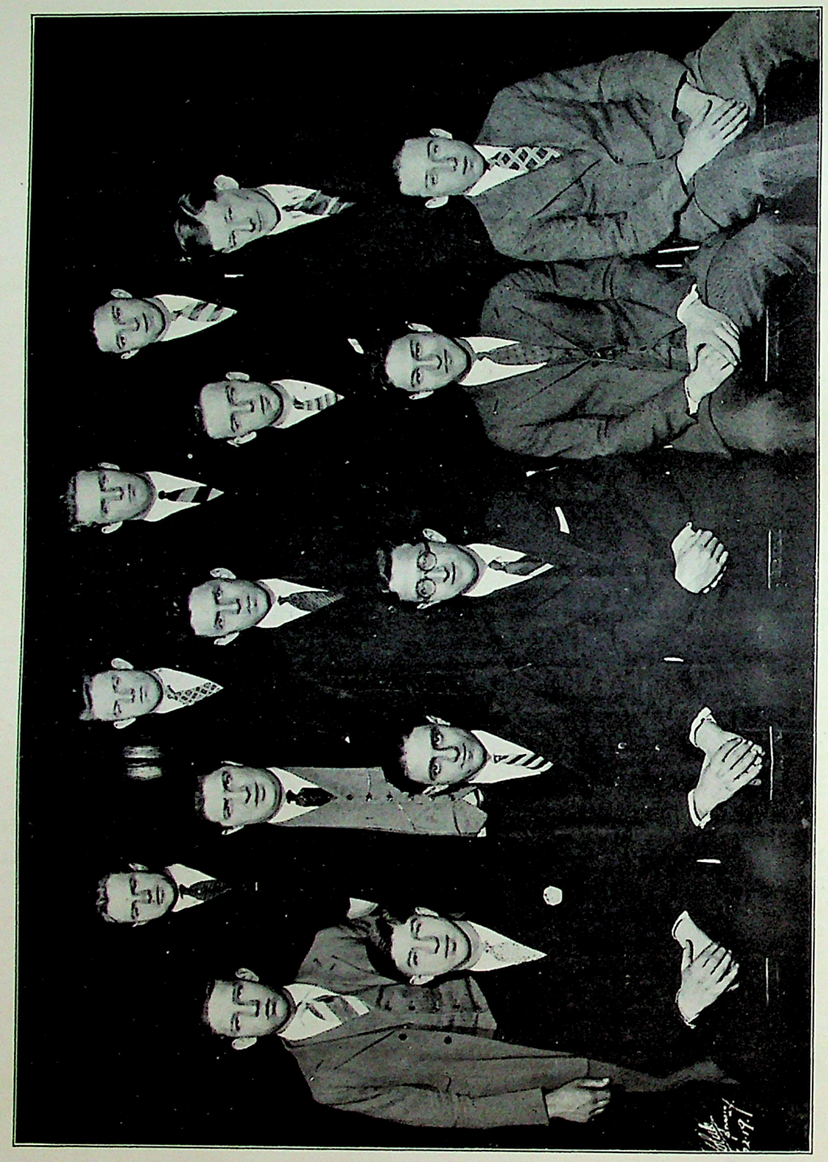
Of the year just passed there is much to tell. The scholastic requirements became more exacting and called for our best work and concentrated effort. However, due attention was given to social affairs and athletics. The high spots of the social calendar were the Junior Prom and the Annual Dance. In athletics we have done well. We have had the satisfaction of seeing several of our classmates "make" the varsity basketball and football teams, and we turned out a team of our own that reached the final game of the Interclass Basketball Tournament, and was only defeated by the champions.

We have been well represented in the councils and committees that govern the various student activities, and we feel that we have done our share in helping to the high plane upon which they now stand.

But one year at Cooper remains, and let us hope that it will contribute still more to our store of memories and acquaintances.

THE HISTORIAN.

NINETEEN HUNDRED and TWENTY SIX



ARCHITECTURAL CLASS OF 1928

Architecture, 1928

President
EGBERT FREUND

Vice-President
HYMAN KRAFT

Secretary
JOHN MORGAN

Treasurer
LOUIS FORTUNA

OUR Soph year is nearing its close and the lives of our classmates are closely interwoven with the events which have occurred in these two years. Though the years are gone and events passed, there remains the remembrance of a most enjoyable and congenial atmosphere among the students. At work and at play, the keynote of all things pertaining to our class has been good fellowship.

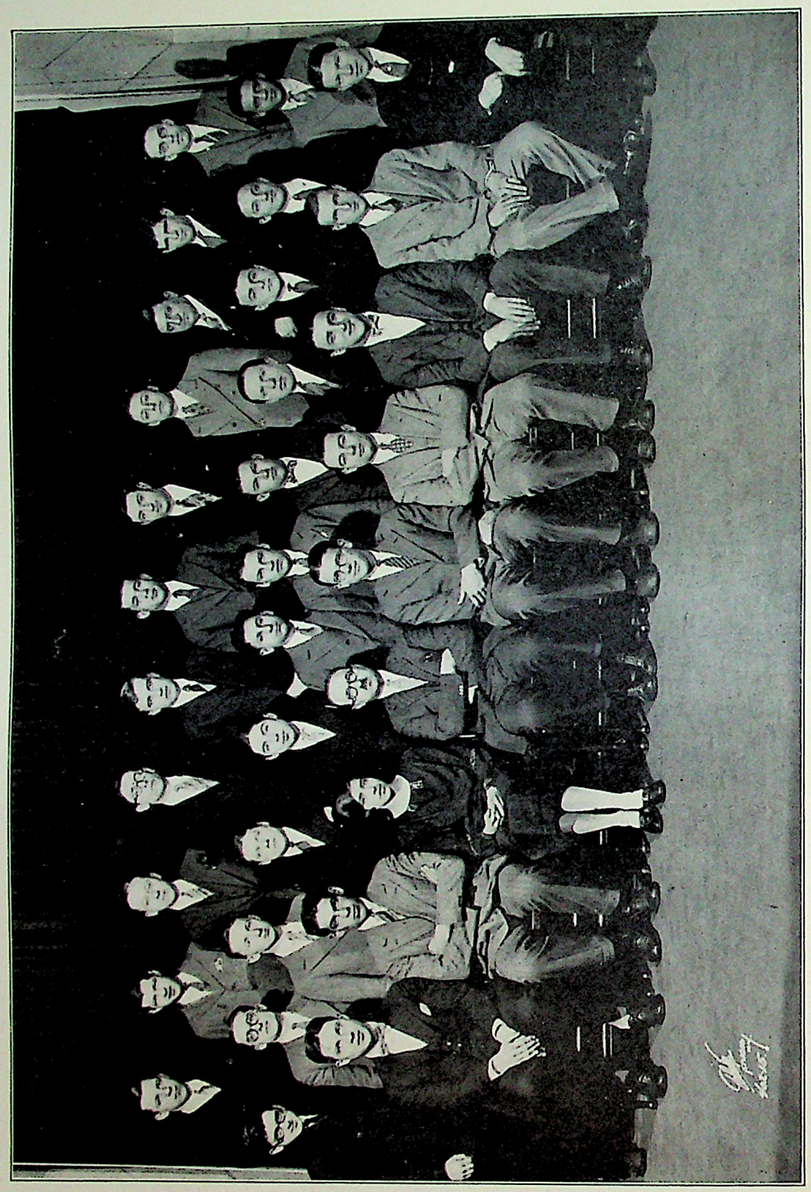
It is not difficult to recall that which was pleasant, and into this category falls the never-to-be-forgotten social events of the year. The pinnacle was reached on the evening of February 17th when the carefully groomed Cass Gilberts trooped into the Art Room of the Hotel Majestic for the class banquet. The hunger appeased, the fun began and it was with great reluctance that we all left at the closing hour.

As to class work the sheaf of drawings which will adorn the Art Exhibition in May proves that many hours were spent in careful and beneficial application.

We were also well represented in school activities and can point with pride to those among us who so faithfully worked for Cooper.

It is with satisfaction that we examine our past efforts, and it is with hope that we look forward to a "bang up" junior year.

THE HISTORIAN.



ARCHITECTURE CLASS OF 1929

Architecture, 1929

President
S. D. SCHWARTZ

Vice-President
H. GOLDSMITH

Secretary and Treasurer
F. A. MULLER

UNACCUSTOMED as we are to public writing, we shall make an effort to detail our activities as a class. You see, this is our first year at Cooper, and naturally we feel quite embarrassed to narrate our humble doings. However, we shall endeavor to do so.

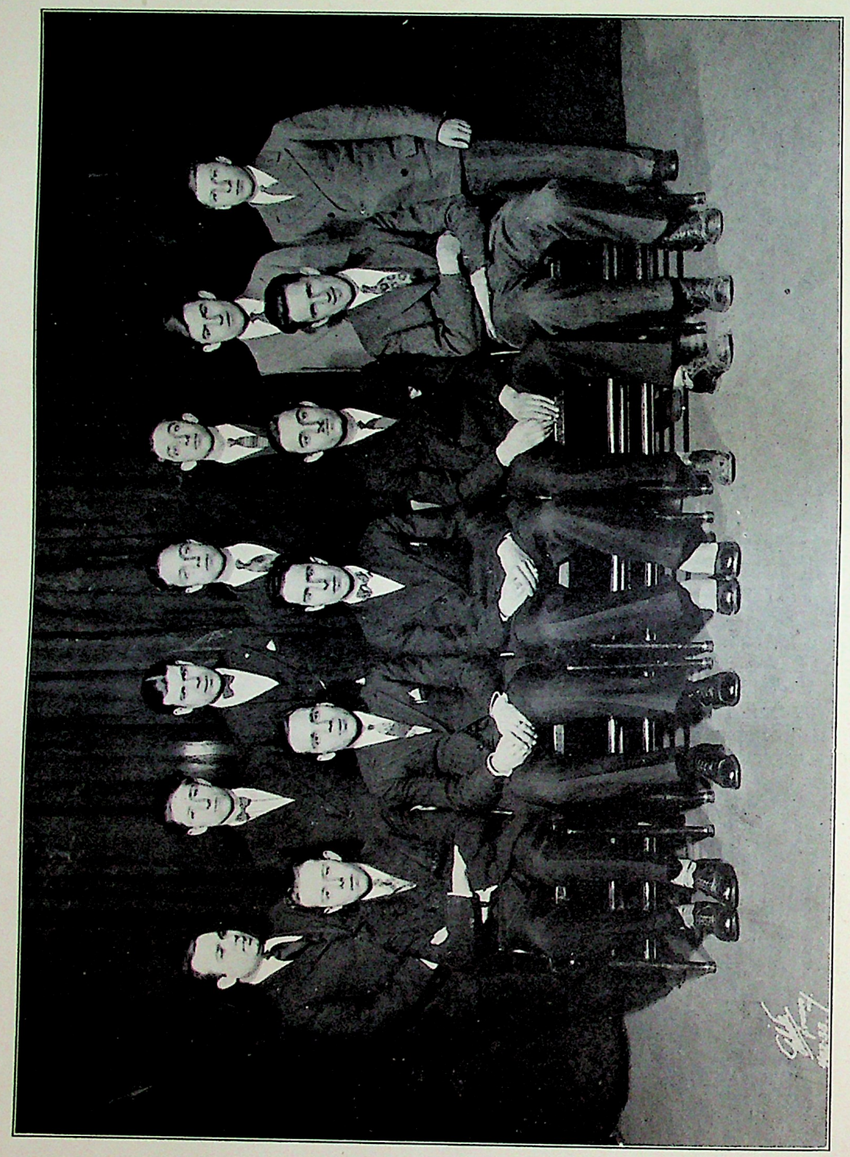
In September, 1925, one hundred and fourty-four students entered the portals of Cooper to begin their career in Architecture. The boys soon became acquainted and work was started with great enthusiasm. After the studies were well under way a class meeting was held and officers elected.

Athletic Activities also became items of keen interest, and our class was well represented at the various games. When a call went out from the A. O. for candidates for the football team it was instantly responded to, and the number of prospective gridiron heroes who desired to serve their Alma Mater would do credit to any class.

The Pioneer this year introduced a novel feature, in that they turned over one issue of the paper to the management of the Freshmen, for better or worse. Incidentally, the Pioneer staff gave us great credit for the handling of the publication.

Now that we have all become acquainted, we expect to take a greater interest both in our studies and in the school activities. We look forward to the coming years to bring us closer together as a class. When we return to school again in the Fall, after our vacation, let us hope that the Class of 1929 will carry on its work with the same spirit it has shown in the past.

THE HISTORIAN.



ANTIQUE CLASS OF 1927

Antique Class of 1927

President
A. W. ANGELETTI

Vice-President
I. MAZZE

Secretary
J. ARMSTRONG

Treasurer
A. H. MATTEY

A. W. ANGELETTI

"When to the sessions of sweet silent thought
I summon up remembrance of things past"

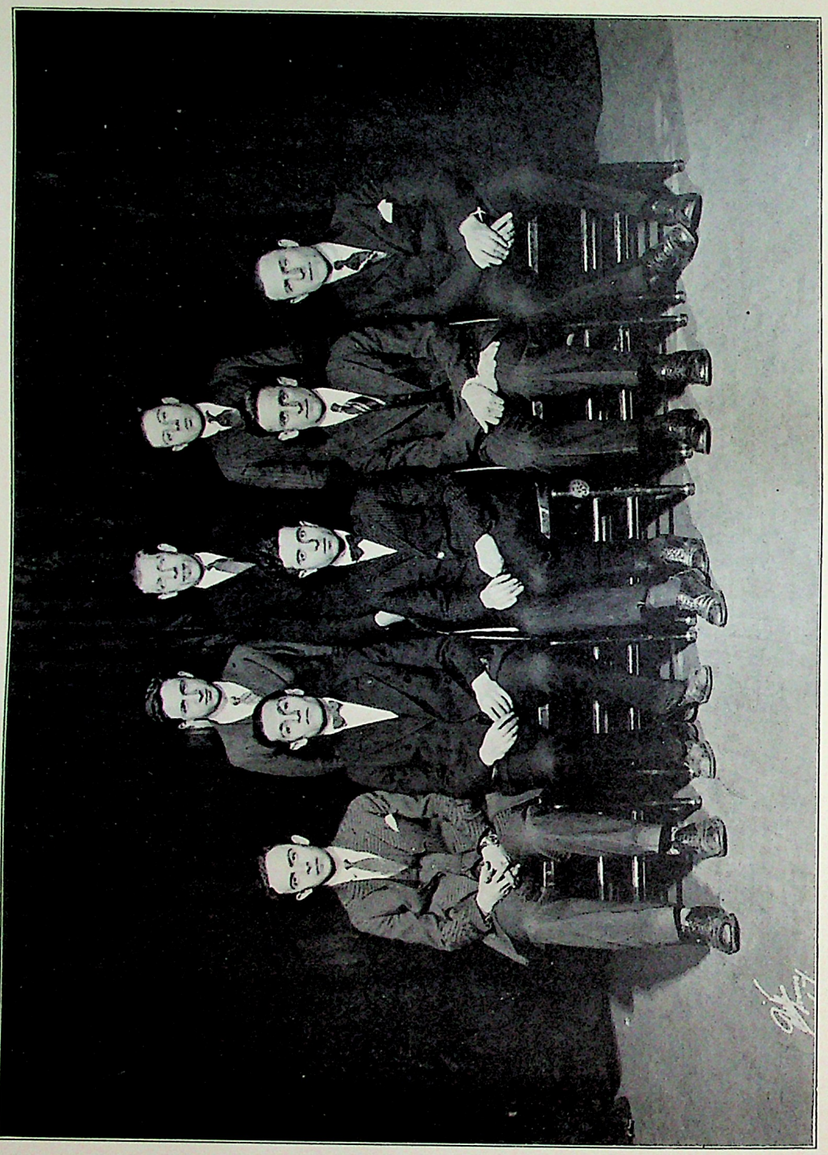
WE can say that our class will occupy a large portion of those remembrances and anyone who attempts to write the history of the class must feel attracted to the lines of Shakespeare's sonnet, for what does our class, or any class in Cooper, mean to the members who compose it?

It means a chance to satisfy ambitions which might otherwise be impossible. In our case, to learn to become an artist and to have the opportunity to hear occasionally such famous men as Royal Cortissoz, Mr. Oberhart and Charles Dana Gibson. The weekly lectures on anatomy, to mention only one part of our course of study, have meant more to us than we can express in words.

Our class means a chance to form friendships in the common bond of art and good fellowship, and to develop them in the gay atmosphere of a Junior Promenade or an annual dance. Our own Junior Prom will live long in the memory of the happy crowd that filled the ballroom of the Hotel St. Regis.

And finally it means a chance to develop physically in the friendly competition of inter-class sports, and in making Cooper's name a leader among her rivals on the field.

THE HISTORIAN.



ANTIQUE CLASS OF 1928

Antique Class of 1928

President
FREDERICK KASTEL

Vice-President
M. LECHNER

Secretary
M. OLSEN

Treasurer
T. SCARFI

FREDERICK KASTEL

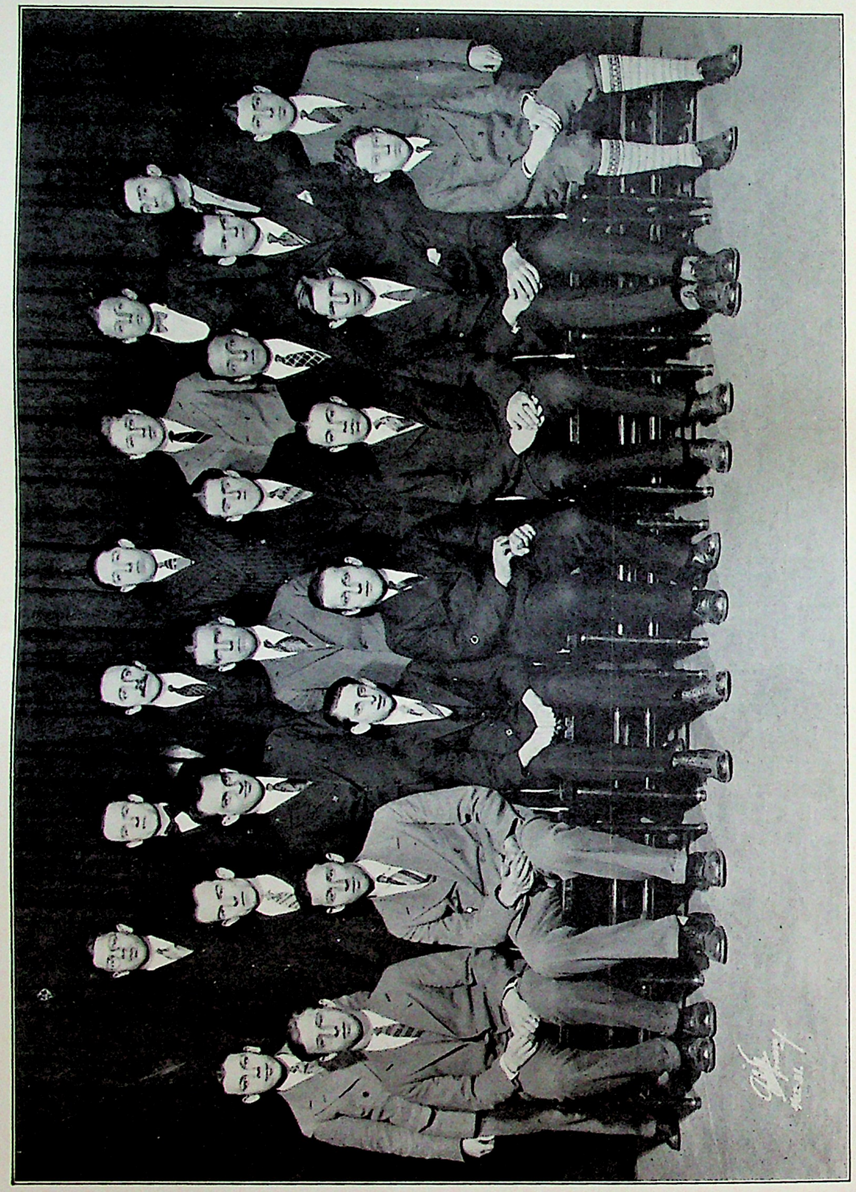
THE history of this class! Oh yes, every class must have a history even if it doesn't compare to the history of Rome. Our history, while it does not compare to that of Rome, has given us a bit of worry, the major portion of which is, just what are we going to say to fill the space allotted to us for that purpose. We are not worrying what to choose to put in and what to omit, but how can we make what we have to say fill the space.

Well, to summarize the chronological order of events, what shall we put down first? Naturally, the first thing that happened should be the first thing recorded. But, if the first event has not yet taken place, what then? Should we try prophesying as to the success of this first event? Yes, if such an event has already been launched, why not? But, on the other hand, suppose that this first event, of which we speak so much, has not yet begun to take form. Then the next best thing to do would be to write about it as though everyone was looking forward to it. But what is it all about? Who knows?

Perhaps here it would be appropriate to offer a reward to the person who can tell us why we are so shy in listing all the affairs we have started and which have proved successful.

We feel that no one would be able to claim the reward so in order that the world may know—here's why: We have been too busy absorbing all that the school has to offer that we have had no time to do anything socially.

THE HISTORIAN.



ANTIQUE CLASS OF 1929

Antique Class of 1929

President
C. SCIBELLI

Vice-President
J. PAKULA

Secretary
H. COHEN

Treasurer
J. MCGUIRE

C. SCIBELLI

THE duration of our highly pleasant first term has at last drawn to a close. To each of us, it has been a year of listening and learning, and a sorry lot we are leaving our class, if only for the few summer months to come. We regret its termination and content ourselves with the freshing memories of a beginner's joy.

Throughout the year, that ever welcomed word "good-fellowship" dominated our class room, both during and after hours. In fact it seemed that we had one motto which would best describe our companionship—"Mates we had and mates we were; strangers at first but friends in the end."

A fitting and brilliant affair, which easily out-shone all others, coincided in terminating our successful initial introduction to the ever-growing field of art. It was held in the form of a "dance exquisite" at the exclusive Waldorf-Astoria Hotel, situated in the very heart of our spacious city. Our class was well represented and well it was for we believe, a more pleasant or more successful affair than that was never held before.

We feel that we have soared over our first hurdle in good form, and our thoughts are now trying to visualize the events to come, and we are earnestly bent on clearing the next step, our 2nd year, in perhaps a little better style or we hope, ever so much better, as becomes a student of good old Cooper Union.

THE HISTORIAN.

COMMERCIAL AND POSTER DESIGN CLASS OF 1927

Commercial and Poster Design-1927

President
ALBERT J. DILLINGER

Vice-President
WM. MCWILLIAM

Secretary
J. VIOLA CUSHING

Treasurer
A. WARD

ALBERT J. DILLENGER

DURING the two years of it's existence at Cooper Union, the Class of 1927 underwent a series of radical changes. So involved and so replete with activity have been it's affairs, that it is impossible to give more than a mere synopsis of the outstanding events of the year. The characteristically awkward and inexperienced Freshmen, who entered in the Fall of 1924, have become worldly wise and intelligent Juniors,—men who have gone thru the mill of old Cooper in the field of art.

Many, who emerged from the Freshman class conditionless, felt the crown of success nearing their brow, but the results of the second year removed any such impressions.

At present, the art students are showing the true Cooper spirit and several members of the Design class have other positions to handle.

A. Dillinger is art editor of the Pioneer and vice-president of Art Students Council.

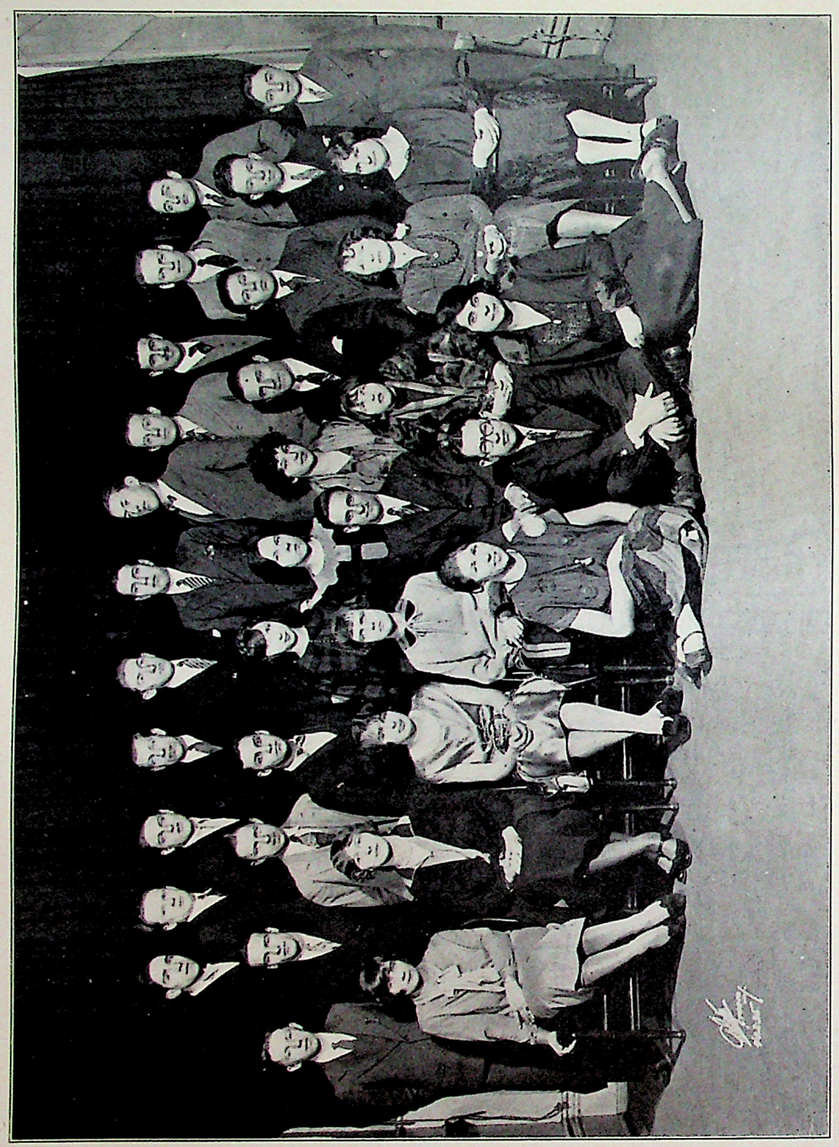
E. Kight is Pioneer representative.

A. Freytag is Cable representative.

The climax of the term came with the Junior Promenade. Those art students who attended it will never forget that famous night and next day. After it was all over there were few who wanted to go to bed. Some never retired till the next night. This affair will be remembered for a lifetime. We play up to the role of the college's social leader, which naturally falls to the Juniors without a doubt.

Our second year soon closes at Cooper and we are all looking forward to a successful Senior year.

THE HISTORIAN.



DECORATIVE DESIGN CLASS OF 1928

Decorative Design, 1928

President
ARTHUR F. VERITZAN

Vice-President
FRED KASTEL

Secretary
MARY E. SALMON

Treasurer
HELEN MELDRUM

ARTHUR F. VERITZAN

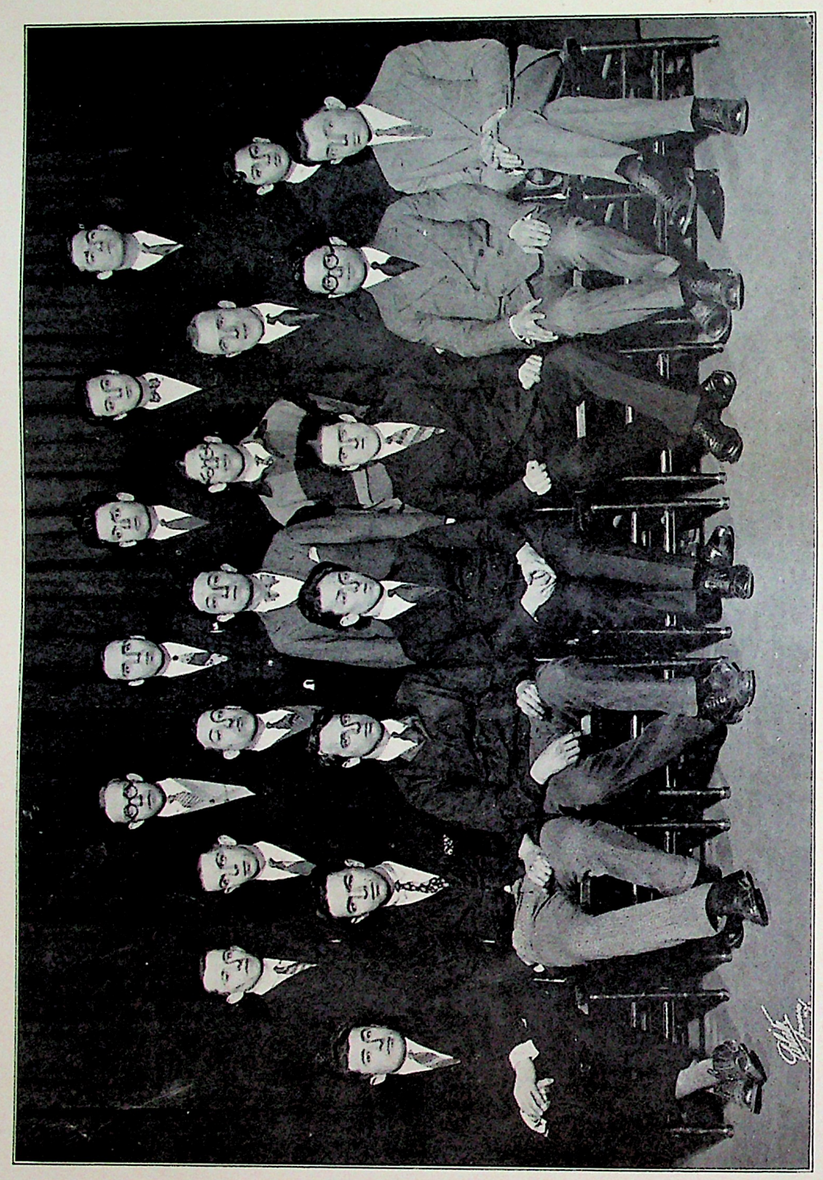
SEPTEMBER 20, 1925! At last our art careers are well under way. We assembled for the first time in our respective classrooms and to our minds, the greatest collection (?) of potential artists ever gathered.

Amiability and good fellowship reigned supreme in our class, in fact it reigned so supreme that gentle hints and subtle warnings were given by our eminent Professor Ehrlich as to overdoing it. But we could not be suppressed so we decided that in order to promote this predominant atmosphere of cordiality, we would organize outside of class. We did. Thus birth was given to the Decorative Design Class Organization, which idea the students accepted enthusiastically. Inasmuch as we are freshmen, we take great pride in the fact that our class does not lack in social activities and was well represented in the Pioneer, Cable and A. O. Ticket sales.

The mention of social activities brings to us our Class Dance. An affair worthy of mention any place. The "Aristocrat" was the stage selected for us to perform our antics (and such they may be justly called), and we enjoyed to the utmost every moment passed in each other's company. That night is sure to be a pleasant nemory in each of our minds.

We certainly will have enough to remember of our Freshman days. The year passed remarkably fast and was full of pleasure, active interest in school, welfare and sports. Delightful acquaintances were made and deep friendships formed, all of which took the grind from work and studies, and made them a pleasure and added a certain satisfaction to their accomplishment.

THE HISTORIAN.



MODELING CLASS

"Modeling"

President
A. J. ANDREWS

Vice-President
C. S. POLEINER

Treasurer
S. LEWENSOHN

Secretary
M. BLUMBERG

A. J. ANDREWS

AT the annual exhibition of "Cooper Union" great interest is attached to the work of sculptors, who like the painters and other students of art are striving to create the beautiful in life so as to make living more worth while.

The young artist who comes to Cooper to study modeling, is sent to Mr. Cederstrom, who instructs him in working from still life, decorative design and panels of all types. After spending three years with Mr. Cederstrom in the antique class, the students receive a diploma, and if he appears promising, Mr. Cederstrom takes him to Mr. Brewster, instructor of the life class.

The life class proves to be very interesting for the newcomer. He realizes how little he really knows about art. At the close of the term the model poses long enough for the student to finish a figure which is placed on exhibition. The number of years spent in the "Life Class" are three.

There are many opportunities for the young artist to perfect himself in his work, for America has become so far advanced in art that it is not necessary to go abroad for advanced study.

It is with pride that we say that Cooper Union is one of the finest of the many institutions which offers the art student this study so much desired.

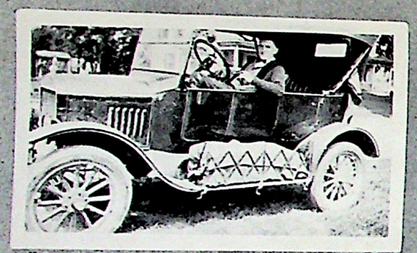
THE HISTORIAN.

NINETEEN HUNDRED and TWENTY SIX

"BLOWING OFF STEAM"

"FOUR OARS IN A BOAT"

"UP IN THE WORLD"

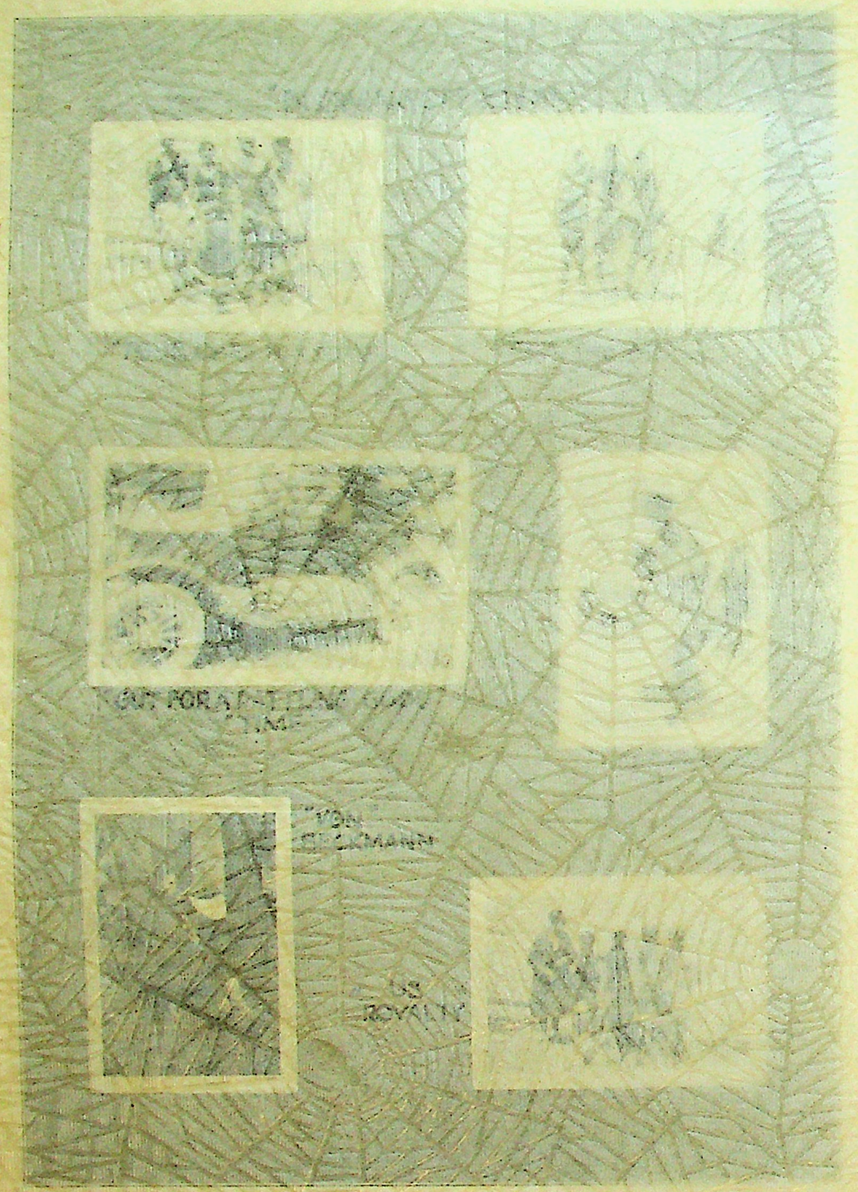


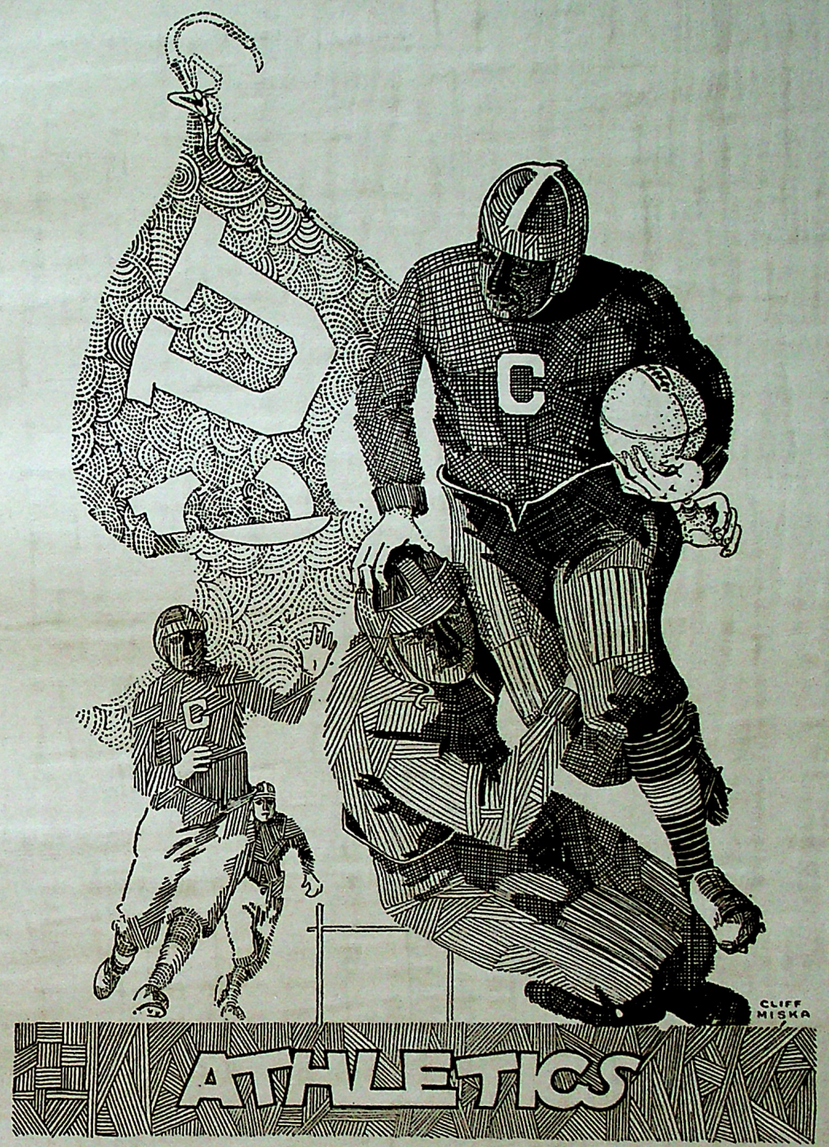
"OUT FOR A RATTLING GOOD TIME"

"LEAP FROG"

"VON" BECKMANN

"US" ROYALTY




C
CLIFF
MISKA
ATHLETICS

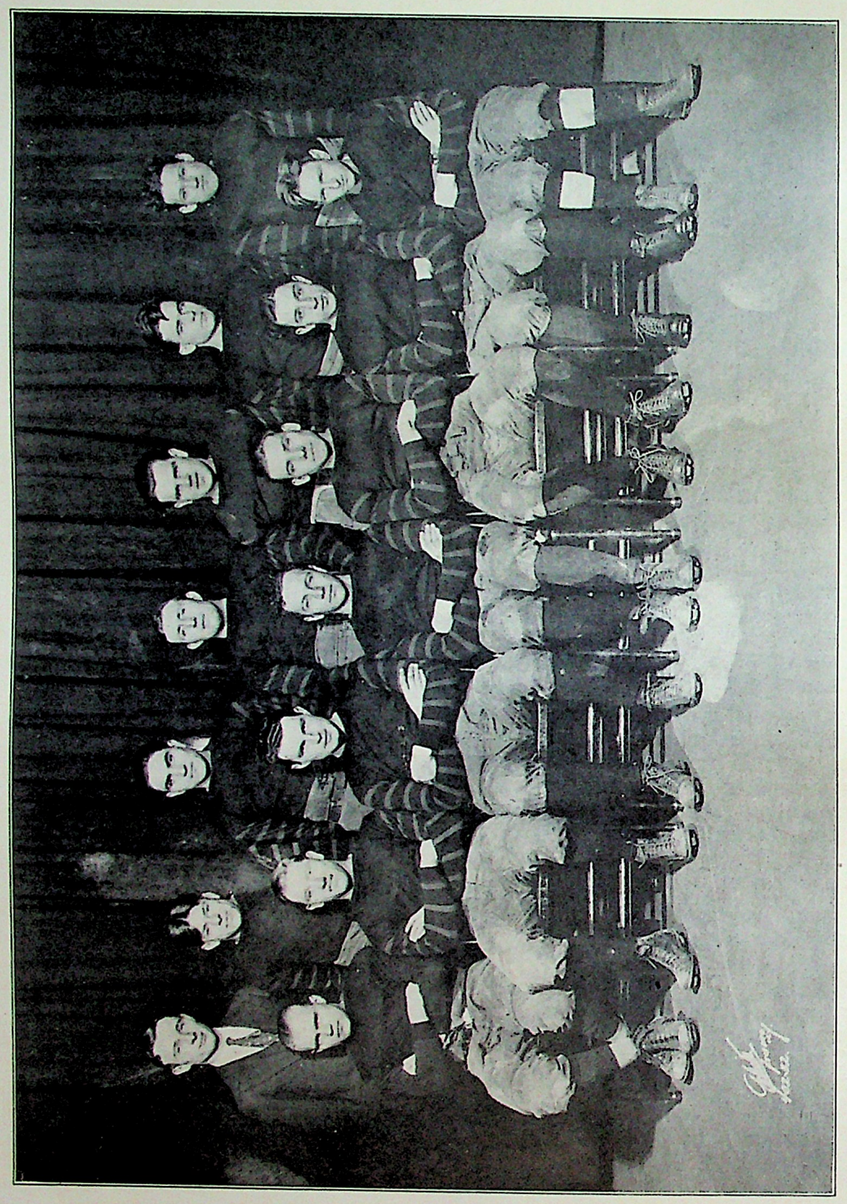
Football

THE 1925 football season was ushered in during the sultry month of August when the days were still being lengthened by the man-made extra hour of daylight. Displacing from their treasured fields the ardent baseball lovers, the Cooper gridders were at it strong—forward passes hurling yard over yard, long dashes around the ends, bucking the line, skull practices and all the fundamentals. With Kay Bloomgarden once more the Cooper mentor and piloted by Captain Charlie Powell, the array looked pretty good. This might seem a somewhat worn expression of unfounded pre-season hopes, but the squad really looked good.

As the opening game with Springfield approached every man on the team fretted and squirmed not in fear of the coming tussle, but in fear of the great god, eligibility—and their fears were not without cause, for as it happened about fifty percent of the squad of forty men was declared ineligible. On the very eve of the first game Coach Bloomgarden tore his hair in his attempts to round out an eleven to face the powerful Springfield machine. The game was played and Cooper emerged—beaten by a score of 50-0. The Maroon and Gold failed to score and was truly beaten but not disgraced for Springfield put into the game four complete teams. Compare that, forty-four different men, a fresh new team each quarter, with Cooper's limited squad of men of whom only fourteen got into the fray. The defeat dealt the team a stinging blow but they recovered quickly with a new heart for the future. For, in spite of the defeat the Cooper warriors had the brilliant work of Powell and Clarke to give them something in which to find redemption.

Immediately after the Springfield fracas Coach Bloomgarden started to rebuild the team from the remnants left by the sweeping toll of the rather drastic eligibility rules. Bloomy reorganized the squad, putting the diminutive Reinhardt at centre and shaping up the backfield with Powell, Christensen, Lillig and Suarez. Wise and Warshak stayed at end and guard, respectively, and the rest of the positions were open to the best talent among the remaining men.

After two weeks the New York Aggies game hove in sight and the squad had by that time taken on the appearance of a greatly improved machine. The chilly blasts of that bleak afternoon saw the Maroon and Gold journey to Farmingdale to do battle with their ancient enemies and, after an hour of gruelling punishment administered by both elevens the score stood at 0-0. In that game the lightest team that ever represented Cooper Union held the Aggies, averaging twenty pounds a man heavier, to a scoreless tie and actually outplayed them in the matter of tallying first downs. The game showed up a new man of promise in Christensen, whose punts averaged forty-five and fifty yards. The team play and aggressiveness of the squad augered well for the future of the rejuvenated eleven.

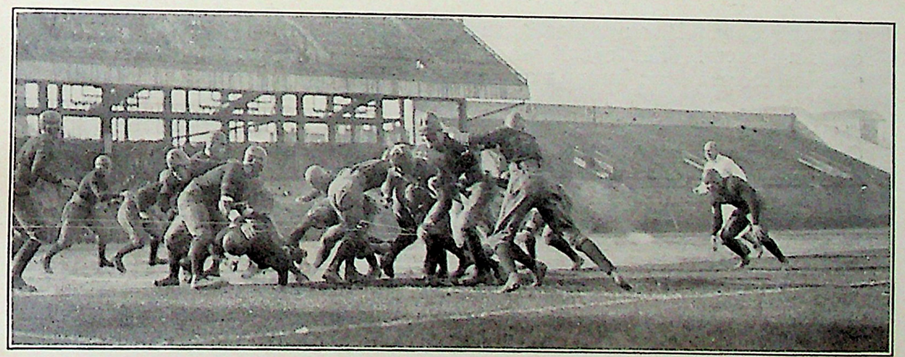


FOOTBALL TEAM 1925

The following weeks saw a very slow process of restoring the crippled personnel of the team and one week before the St. John's game the Maroon and Gold aggregation was far from being in a healthy state, so that Manager Appel deemed it advisable to cancel the game, which was considered a wise move. As a result Cooper went without competition for three weeks at the termination of which the Aggies were met in a return game at Farmingdale.

The long lay-off seemed to produce a lack of coordination among the Cooper team and their speed, so evident in the previous game, was conspicuous by its absence. With Van Orden, the farmers' Captain, leading their attack the Aggies started a smashing game and ground out a touchdown in the first and third quarters. The Green threw in a lucky safety to raise their total to fifteen while they held Cooper scoreless. However, during the afternoon the Aggie goal was in danger of being crossed several times but each time the punch seemed missing and another scoreless defeat was tacked to the list of past performances. The poor condition of the men, due probably to the long lay-off, was reflected by the number of injuries resulting from the game.

Two weeks later the team traveled to East Orange to meet the Upsala College outfit. The big blue team from Jersey had been bowling over their opponents with considerable eclat and the defeat of the Maroon and Gold, to them, was a simple matter of daily routine. A big crowd was on hand to see the affair. Among other cripples was Captain Powell who was forced out in the Aggie game with an injured shoulder. Powell viewed the game from the sidelines. Upsala started off with a line bucking game, but found it unavailing. They changed their tactics to an end running game which was good enough for a touchdown. After that the Cooper ends aided by an improved secondary defense broke up the end runs and the game reverted to line bucking and the occasional tossing of a forward. By this route the boys in blue chalked up another marker. After the next kick off the future engineers were forced to kick and one of the Upsala backs just managed to let the ball touch his foot. It was a costly mistake, for one of the alert Cooper forwards fell on the ball on



"HOLD THEM COOPER"

Upsala's thirty yard line. Right then the Maroon and Gold put up a fight which would not be denied. A short forward, a couple of plunges and a sweeping end run brought the ball to the blue two yard line. The ball was directly in front of the goal posts and on the next play Nathanson planted the ball over the line after a thrilling run around the right wing.

"CRASHING THRU"

With the strain of crashing their way for that tally and with new replacements coming into the blue line the Cooper boys started to give, and Upsala managed to push over another touchdown. A few moments later, just before the end of the game, a Cooper pass nestled into the arms of a speedy Upsala back and this break boosted their total to four touchdowns. The final score was 28-6.

The absence of Captain Powell was apparent, for another good running back would have aided the home cause greatly. The work of Nathanson and Christensen in the backfield and of Clarke in the line stood out as a bright spot in the otherwise gloomy outcome.

The game at East Orange marked the conclusion of the gridiron season and Coach Bloomgarden gave the men an encouraging talk in the dressing room. The squad was unanimous in declaring that football should be carried on in spite of the increasing handicaps met at Cooper.

Since the close of the season the future of the sport of football at Cooper Union has been the subject of much discussion among those interested. The outlook for next year looks encouraging. At this writing the engagement of a coach for the season of 1926 has not as yet been arranged. The schedule is also in the process of arrangement, but is almost complete. As it now stands the schedule is given below. An additional game or two will probably be contracted for before the season opens in the fall. It will be noticed that an attempt has been made to complete the season as early as possible to avoid conflict with the players' scholastic work and by this token it is hoped more men will be encouraged to turn out for the team. The schedule to date is as follows:

September 25	Upsala College
October 2	Trinity College
October 9	Stroudsburg Normal
October 23	Webb Institute
October 30	New York Aggies
November 6	Connecticut Aggies

As previously mentioned the schedule is still incomplete but some idea of the calibre of our opponents next fall can be gathered from the above list. It means Cooper must turn out a strong team and that an early start must be had. It means that we need every man who can play football. It means we need the backing of the student body with both financial and spiritual aid. The management for the coming season, in the person of D. L. Baird, is working towards a better foundation for a strong team. Arrangements are in the making for obtaining an indoor place for practice and present indications are that such a convenience will be realized next fall in the form of one of the city's armories. An earnest endeavor is being made to procure the services of the best coach for the money available for that purpose. But good management, good coaching and the support of the student body alone will not make a good team. Football players make a football team and men of any football ability should turn out. By the time this goes to press a football rally will have been called and those who have the ability and the will, it is hoped, will attend.

The past season cannot be properly termed a successful one from a scoring standpoint, but the fact that a team is not a world-beater in the field is no reason why it should be ridiculed and shunned. Nor is it any reason why men should be ashamed to come out for the squad. For in spite of their shortcomings their spirit was undeniable. They turned out in weather which kept the more tender hearted individuals indoors by the warm radiators. They played games against powerful opponents, giving their last ounce of strength in their efforts to keep the Cooper standard flying and yet it doesn't require the services of a sleuth to find those who criticise and deride the sincere endeavors of the football team and everybody connected with it. With the support of these self-styled authorities this might have been a different story and it is hoped that next year the season's resume will show a convincing reversal of this year's scores.

SCRIMMAGE WITH SCRUBS

Pigskin Personals

Captain Charlie Powell, our plunging halfback, is famous for his cherubic complexion and curly locks. With a set of freckles like his, Charlie has to be careful to void the strong rays of Old Sol. Three more freckles and Powell wouldn't have to take his bath every Saturday.

Joe Reinhardt, captain-elect and center during the season just completed, makes up for his lack in weight by his aggressiveness. Besides playing football Reiny likes best to orate on any subject which might be available.

Cliff Clarke, guard, didn't flash the brilliant stuff he has been known to sport in past seasons. After the Springfield game Cliff sort of lagged in his efforts.

Lillig filled both back and end berths with satisfaction but performed with greater grace in the former position. Lillig has been nicknamed "Nails" by his teammates for his hardened physique.

Christensen, our punter after O'Neill went out as an ineligible, was a great kicker. He managed to find something to kick at whether it was a football or a referee's decision.

Nat Nathanson scored Cooper's lone touchdown in the Upsala game and in so doing demonstrated what a world of speed he possessed. Nat was probably the fastest man on the team. It's too bad he wasn't with the team during the earlier part of the season.

Epifania is another man whose lack of size was offset by his added speed and get-up-and-go attitude. Eppy was under every play and very few successful plunges came through his position.

Warshak covered the tackle berth with as much eclat as he covered guard position. Warshak was new to the team this year and great things can be expected of him in the coming season.

Ray Suarez was handicapped by injuries to his weak ankle but bore up through the season in great shape. Ray is another of the speed demons of the Maroon and Gold backfield. It is agreed that Ray could step on it.

Frank Wise, the Tom Thumb of the squad, played the first two games of the schedule and then went out and broke his leg in a game outside the school. He was sorely missed, several backs being tried in his place at end.

Lombardo passed the ball at center when Reinhardt was playing guard or wasn't playing at all. Lombardo has a few things to learn about the pastime but is a good man to have around.

Klotz sat on the bench until the last two games of the season when he was given a chance to show off his stuff, which he did. Klotz played brilliant football and showed a great variety of pigskin handling.

Don Baird, next year's manager, broke into the pastime occasionally at centre and when he did he showed a decided adeptness at snapping the ball. Baird thought he could grab a Cooper forward one day but the "ref" caught him and Don was very much chagrined.

De Santo displayed a rather versatile brand of grid work playing in both the line and the backfield. De Santo was injured in the first Aggie game and did not get back into the line up for the remaining frays.

Cramer filled in at tackle in great fashion when tackles ran low due to eligibility cuts. Cramer saw service in the last two games of the season.

It may not seem like proper sequence to leave **Manager Appel** to the end of the list. No slight is meant, for Appel is considered one of the class of "last but not least." Managing a football team is certainly no cinch and Appel probably realizes that now. Among other achievements he led the team in scoring—not touchdowns or anything like that but in scoring in a financial way. He scored in every game.

A few words might well be said about Coach Bloomgarden who put forth great efforts with a very limited supply of football material. Kay seemed to be a bit discouraged as he saw his best men taken from him with each announcement of ineligibles. The continual breaking in of new material to replace the men thus barred led to the lack of team play and it hurt Bloomy to see his pet plays go awry. Bloomy hopes for another chance, having learned his lesson of putting so much stress on a select few whose absence through ineligibility caused the downfall of his well laid plans. With a little greater number of men and better cooperation Kay probably could turn out a team of the calibre of his team in 1923.

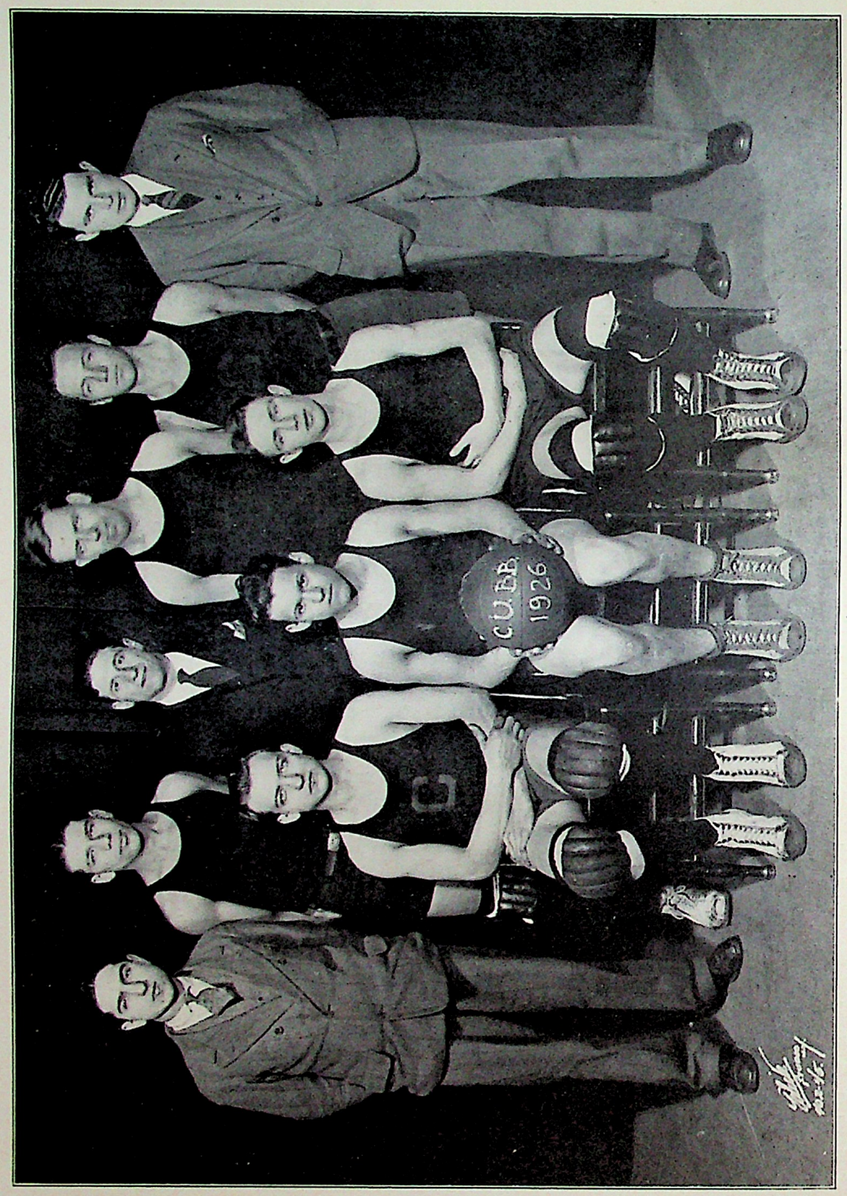
Basketball Team

SCHOOLS OF SCIENCE AND ART

THE record of almost every team for the past season has had rung into it a story of how the eligibility rules inaugurated last year, played havoc with the roster of the team. The squad around which this story is written is no exception. On the squad before the season started were Coffey, Fioretti and Buchman, regulars of the preceding year. In addition to these, several mainstays of the junior varsity remained to bolster up the quintet in great fashion. But with the opening of the season, as in every other sport, came the announcement of the ineligibles. When the smoke of the sweeping decree cleared, none of the above named were left and Coach Russo had on his hands the job of rounding out a team to meet the strong Brooklyn Poly five on the opponents' court. The team that was finally chosen played well enough but were green and inexperienced against the Brooklyn boys and went down to defeat in their debut by a score of 30-7.

With the first contest out of the way, Matty Russo worked the newly formed quintet hard and furious until he had some resemblance of teamwork. Almost before they knew it the St. John's College game was upon them and the team once more traveled to Brooklyn to meet a smooth working combination whose passing and shooting were accurate to an uncanny degree. Led by their rangy centre, Paige, the Saints started off with a rush dropping in field goals from all angles of the court. The home cause was aided by the brilliant work of Greenburg who seemed a streak on the court. But even his clever work was not enough to offset the combined teamwork and individual ability of the St. John's basketeers who finally came out on the long end of a 42-24 score.

Next on the list came Cathedral College, an opponent who always has given Cooper a tough fight, whether in victory or defeat. Between this and the preceding game several more men were declared ineligible and the squad was forced to play their first home game under extreme handicaps. Th Bronxites rung up a well earned victory to the tune of 33-27 after a rough and tumble affair in which Charlie Powell, of football fame, was right at home. In fact the game resembled a football game more so than it did a basketball game. The team play was ragged in this contest and many easy chances were passed up. With a little better sharpshooting from the foul line Cooper might have annexed their first fictory of the current season but it was not to be.



BASKETBALL TEAM - 1925-1926

Following their close defeat by the Cathedral College quintet the Maroon and Gold again journeyed over the bridge to Brooklyn to meet the Brooklyn Law School team. The boys from the neighboring borough were an unknown quantity and what to expect was a subject of much discussion. The future attorneys were not slow in letting it be known what they intended doing and they signified their intentions by making half a dozen field goals in the first ten minutes of play. The Manhattanites soon pulled up on even terms with them but the strain of doing so proved too much for them and they went to a poor defensive game, allowing the lawyers to forge ahead again, this time to hold the lead until the final whistle blew by which time a comfortable margin of 35-23 had been amassed. Cooper again had suffered defeat and those who saw the game bemoaned the absence, through ineligibility, of the many stars who would have made this a different story.

It seemed that the schedule always called for a strenuous game when the squad was at its poorest condition. Such was the case when the date for the game with the Montclair Athletic Club rolled around. The Jersey clubmen had just administered a defeat to the powerful Crescent quintet and were primed for the contest. The story is merely a repetition of our previous efforts at breaking into the winning column. The Montclair five proved an enigma on the defense and a lightning like team on the offense and came out victorious in a 43-20 score. The teamwork of the victorious team stood out in bold contrast to the lack of teamwork evidenced by the wearers of the Maroon and Gold. Each game saw new faces and this in itself accounts for the absence of the machine-like precision which the previous quintets of Cooper Union sported.

The undeniable spirit, which alone had not been able to chalk up a victory, was finally rewarded with a glorious triumph over New York Law School who were met in the second home game of the season. But it was not spirit alone. The team played as if imbued with ability as well as spirit for their passing and teamwork was unbeatable. It was the first time that the Maroon and Gold quintet really flashed anything of high grade calibre. As if spurred on by the feeling that they were out in front the future engineers played a snappy game full of dash and pep. The outcome indicated the effectiveness of the home attack, the score of the lawyers being doubled by Cooper's. The splendid work looked encouraging and the basketball fans of Cooper looked forward to better days. The final count was Cooper 26, New York Law 13.

During the following days Coach Russo drove the squad through its paces at breakneck speed and the effect of the victory over New York Law was apparent for the men had new confidence and new heart.

Next on the list came Newark College of Engineering at Newark. The squad travelled to the wilds of New Jersey once more in their search for another victim in the recently started winning streak. This time, with the team in the proverbial pink, the gang looked forward to victory with greater confidence than it ever had before any other game. And the result proved that confidence is a great factor in winning games. The feeling that they had stowed away New York Law with such grace and ease told them that they could win and it was the Newark engineers' poor luck to meet them in that frame of mind. After a peppy game full of ups and downs the boys from home were prepared to tuck the bacon under their coats and hang it up at Cooper at a 30-27 margin. It was a worthwhile result of a worthwhile effort on the part of the Maroon and Gold and our winning streak was extended to two games. Considering the few contests engaged in so far the mention of a two game winning streak is not so unfitting as it may ordinarily sound.

After a week of rest the combat with the farmers from Farmingdale, the New York Aggies, popped up with pleasant promptness. Prompt pleasantness is used advisedly because it was a sure win, the supporters of the quintet felt. They felt right too for although the victory was not easily earned by any means it was sure enough—after it was over. Cooper won 29-27 but as the score indicates the result was in doubt right up until the final whistle blew. The game was a thriller from start to finish with Suarez showing the way to the rest of the team. Ray played a stellar game on both offense and defense and was a whole show in himself. And with the help of the other four men the speedy Ray extended the streak to three games. Things looked bright.

But confidence can be overworked and the wearer of the Maroon and Gold soon found that fact out. The game with C. C. N. Y. (Night) gave them something to think about and at the end of the first half they had more to think about for the fast travelling five from up the island held a 17-7 advantage. In the second session the engineers let out all they had and fought an uphill battle. With a vim that deserved a better outcome they fought tooth and nail only to fall short by a four point margin. The final count was 31-27 and the first lesson in overconfidence and its demoralizing effects was over. More lessons were to come and more convincing ones. Only in spots did the Cooper quintet flash anything like they had flashed in their short spurt of three consecutive games. Such a blow as this was truly disheartening.

Brooklyn was invaded once more, this time to do battle with another C. C. N. Y. team, that of the Brooklyn branch. Here they met a most unique team in that it consisted not of five men but of one man and several

accompanists. That one man scored forty out of fifty-two points scored by the Brooklyn gang that evening. He simply could not be stopped and would not be. He heaved from all angles with reckless abandon and utter contempt for the Cooper defenders. Where he came from and why he ever stopped there is a mystery. His name escapes us just now but anyone who saw the game will recall who the gentleman is. The final score was 52-28 for while the aforementioned gent was tossing in field goals with such eclat the members of the home guard were tossing in a few—damn few. A very discouraging performance indeed.

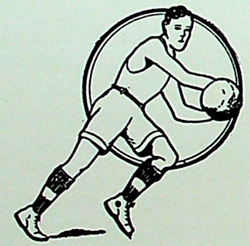
The next occasion for the basketeers was their engagement with the druggists from Brooklyn, the Brooklyn College of Pharmacy. Just to show they had no aversion to Manhattan they travelled over the bridge to meet us on our own court. And there under the very noses of the elite of Cooper Square they proceeded to administer a systematic and thorough drubbing in the style so popular in Brooklyn, namely, the "shoot first and ask questions later" style, mixing with it some of the "knock 'em down and step on 'em" scheme of scoring. The prescription jugglers from the borough of cemeteries dealt out knockout drops by the elbow load. At the conclusion of the pastime they romped off the court, victors by the score of 30-17. The Maroon and Gold quintet neither romped nor did it walk from the court. They were assisted and they needed it. The details of the game are too harrowing to review.

The final game of the season preceding the grand slam with the Institute of Technology was with the Yale Junior Varsity. The team travelled to New Haven for this contest and were rushed onto the court immediately after being fed a meal at the Yale training table. The Elis put a team on the floor whose average height was probably over six feet. Here again, as has been the case in several games of the past, one man was the big reason why Cooper went down to defeat. But this particular occasion saw a precision-like team working its way down the floor to a sure basket invariably scored by Reilly the speedy Yale forward. For Cooper, Lawrence and Fortuna played the best game, the latter accounting for the greater part of the Maroon and Gold's score. The final score was 38-20.

The big slam, previously mentioned, comes to us as this book is about to leave for the printer and its account is necessarily brief. The annual clash between the Institute of Technology and the Schools of Science and Art demonstrated the superiority of the Tech over their rivals. They played as a team with neat teamwork in sharp contrast to the attempted individuality of the losers. The game proved to be a real humdinger and the boys, both battling for the same Alma Mater, put up a fight which remained anybody's game, until the end. The Techers emerged on the

long end of a 28-16 score, running up a big count in the last few minutes. This victory was the first in six years for Tech in this annual tussle for basketball supremacy in Cooper Union. The stars for the victors were the usual ones, Miller and Captain Judson. The latter, sporting the Maroon and Gold for the last time, played a stellar game and with some fast support from his teammates he looked more brilliant than he had in many of his previous starts. For the defeated quintet Fortuna and Suarez played the best game. For Suarez it was the last game in defense of the Maroon and Gold. His performance was a fitting climax to an active career in athletics at Cooper.

And so endeth the story of the trials and tribulations of the basketball team of the Schools of Science and Art.



Track

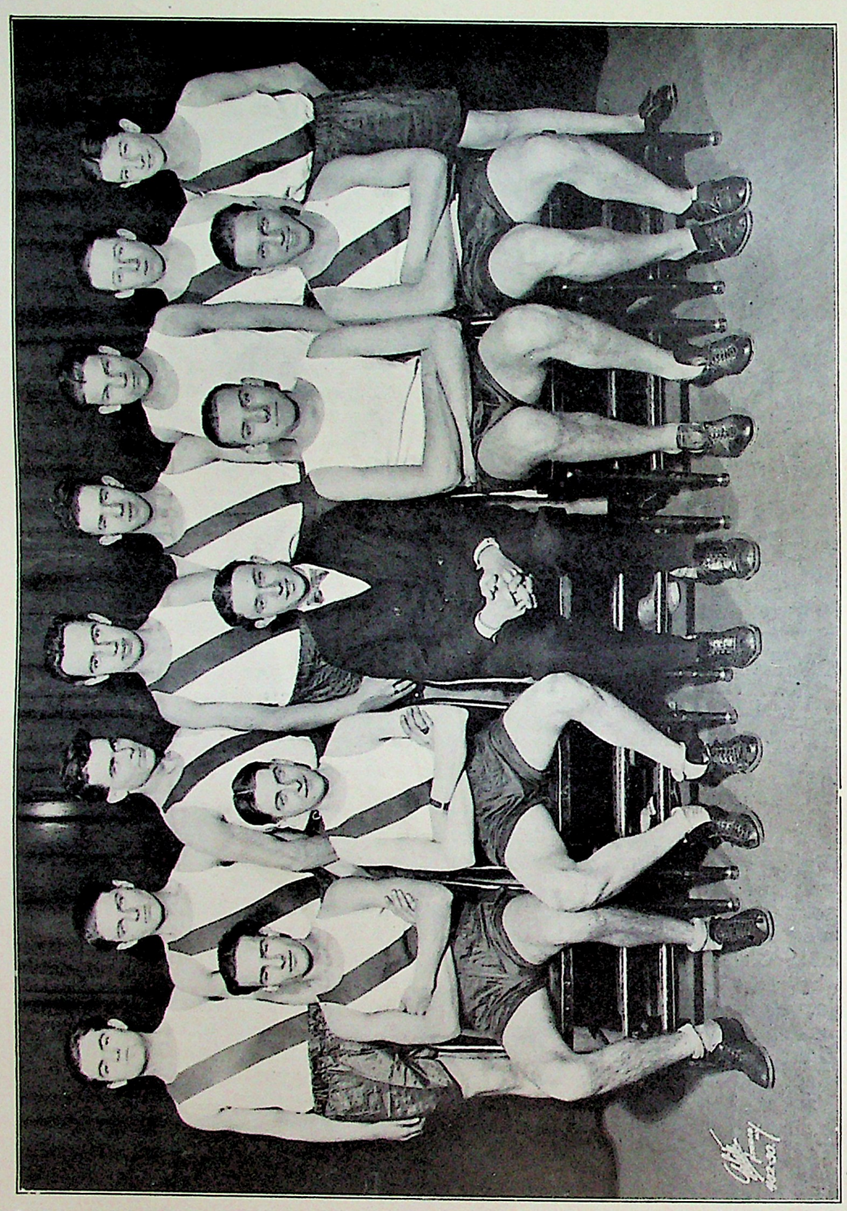
SCHOOLS OF SCIENCE AND ART

WHAT promises to be the most successful track team to ever represent Cooper Union was started on its meteoritic career on November 11, 1925, when, at a meeting of the Athletic Organization, Jim Carroll '28 was appointed to the managership. Upon his appointment Carroll set to work by soliciting the aid of the remaining members of the squads of previous years and building around them a team of great potentialities. Carroll, himself a track man, at first attempted to coach the team but he found the job too big for him in view of the size of the squad and the calibre of its members. The engagement of a professional coach therefore became a necessity and as a result Jack Kelly, a reputable track mentor, became the coach of the Cooper cinder men. This step marked the beginning of great happenings for the new team.

The indoor track season found Kelly teaching the men the finer points of the board floor game and from all outward appearances he had them trained to a razor edge. Every man seemed confident with the feeling that he was at his best. These results were accomplished only after great handicaps and hardships were overcome. Lack of suitable training quarters was of course the biggest obstacle to overcome. However at limited times the Stuyvesant gymnasium was available and at each practice a goodly number of candidates were present. As the squad rounded into condition Manager Carroll arranged for entries into the various meets of the current indoor season and the best men of the team were selected for participation in contests with the pick of eastern athletes. Their performances on the board track against such sterling opposition were, to say the least, very impressive.

The first meet in which Cooper was represented was at the 102nd Engineers Armory. The representation consisted of a lone entry in the person of Julius Tauss '28 who, in the 100 yard sprint took second in the semi-finals but had to be satisfied with fifth place in the finals. The same man, a short time later at the Christmas Fund games under the auspices of one of New York's newspapers, captured second place in the finals of the same event defeating, among others, Chet Bowman, former intercollegiate sprint champion. Tauss was in fine shape for this race and flashed better rhythm and form than in his previous start. At the 12th Regiment Games the following week Tauss took first place in the 60 yard dash. Each performance showed a decided improvement over previous ones. Tauss surely was a comer. Two weeks later he took second place in the hundred at the Newark Y. M. H. A. Games. A year ago at the same meet Tauss defeated Loren Murchison at his favorite distance of sixty yards.

During the following weeks Tauss was forced into an idleness of a brief period due to staleness from overwork. Recovering from this ail-



TRACK TEAM 1925-1926

ment under Coach Kelly's guiding hand he was entered in the Morningside Games on March 10 and ran off with second place honors in the century winning a solid gold watch for his efforts. Tauss is expected to do big things in the outdoor season.

While "Julie" Tauss was putting up such a formidable front another Cooper man, Al Milford '29, was creating quite a stir in the track world. Al ran the 70 yards at the Fordham University Games in good enough style to take first place along with the diamond studded medal awarded. The names of Al's opponents in the finals have slipped our memory but a Rutgers man and a New York University man finished second and third respectively. A short time later at the Brooklyn College Games Milford raced home first in his heat in the 300 yard run. In the Wilco Games Milford was entered in the 100 yard dash. Competing with the stiffest kind of opposition he squeezed out a first in his heat, second in the semi-finals and after a ragged start finished fourth in the finals.

In addition to the performances of Tauss and Milford the Cooper relay team was warming up, flashing great form in several starts. The team lined up with Witchell, Enders, Dwyer and Carroll backed up by Katz, McLaughlin and Lurkis as utility men.

In another class comes another star—Irving Jacobs—Cooper's entry into the ranks of long distance runners. Jacobs ran in the Brooklyn-Queens Marathon. The race was held on Washington's birthday and the raw, cutting winds taxed the courage of the athletes. Jacobs ran the entire distance finishing with the leaders. Very few of the starters lasted through the gruelling contest.

Outdoor Season

Starting on March 6 at Mac Combs Dam Park the track team inaugurated its outdoor season. Considering the raw and gusty day the turnout of fifteen men was encouraging. Coach Kelly immediately went to work to acquaint tne men with the tricks of the track in the field and on the cinder path. At the present writing the sprinters are showing good form and the field men are slowly getting into shape.

Manager Carroll has arranged a very attractive schedule which is given below.

April	3	Savage Institute	Home
April	10	Institute of Technology	Home
April	17	Newark Tech	Home
April	24	Stevens Tech	Away
May	1	St. John's College	Away
May	15	Newark Tech	Away

Outlook

The future of any track team at Cooper has never been as rosy as the future of the present one. The 1925-26 squad consists of forty members twenty-five of which are freshmen. The large percentage of lower classmen on the squad is an encouraging indication and the success of coming seasons depends upon them. Track has been made a major sport in the Schools of Science and Art and this fact alone has spurred the followers of track and field sports to greater interest at Cooper.

Cinder Path Personals

Al Milford, of whom much is to be heard, is a great sprinter. His heels are familiar sights to his rivals on the track.

Julius Tauss, the partner in speed of Al, is another flashy short distance man. "Julie" shouldn't have any trouble in outdistancing bill collectors.

Witchell, Dwyer, Enders, Lurkis, McLaughlin and Kats form the baton carriers of the Cooper squad. One of these fellows doesn't do much unless he has the others to pass the stick to.

Bill La Rosa divides his time between running races and riding in patrol wagons.

Art Cornish, the squad's heavyweight, puts the shot and also does duty as a paperweight on the manager's desk.

Jim Carroll, the overworked manager and relay man, is an all around track man. His job covers everything from trainer to spike polisher.

And last but not least, **Coach Jack Kelly,** whose work with his material is little short of remarkable. It is hoped that Kelly will be with us when the curtain rises on the track season next fall.

Basketball

INSTITUTE OF TECHNOLOGY

WITH the opening of the school year in October, the outlook for the Tech Basketball Team was particularly rosy. Manager Fred Miller and his assistant, Carl Miller, formed an efficient board of administration. Coach Raskin and the veterans of the previous campaign, together with the new candidates from the freshman class, constituted a potential championship combination. For the proper equalization of the whole system were Scorer Lo Pinto, his assistant T. G. Guerin, and the cheering squad consisting of Bafundo. The mechanical phase of the situation was well covered by George Durfee who handled the stop watch.

The lapse of time between the opening of the school year and the first practice was characterized by the appearance of the eligibility rulings. Consequently, Raskin had the gigantic task of building an efficient machine around Capt. Judson and Carl Miller. Heydorn was drafted for the center position. Colvin was placed as a running mate to Judson at forward. One of the newcomers, Lewin, was given the guard berth with Miller. Wood, Muller and Fankuchen comprised the reserve strength of the team.

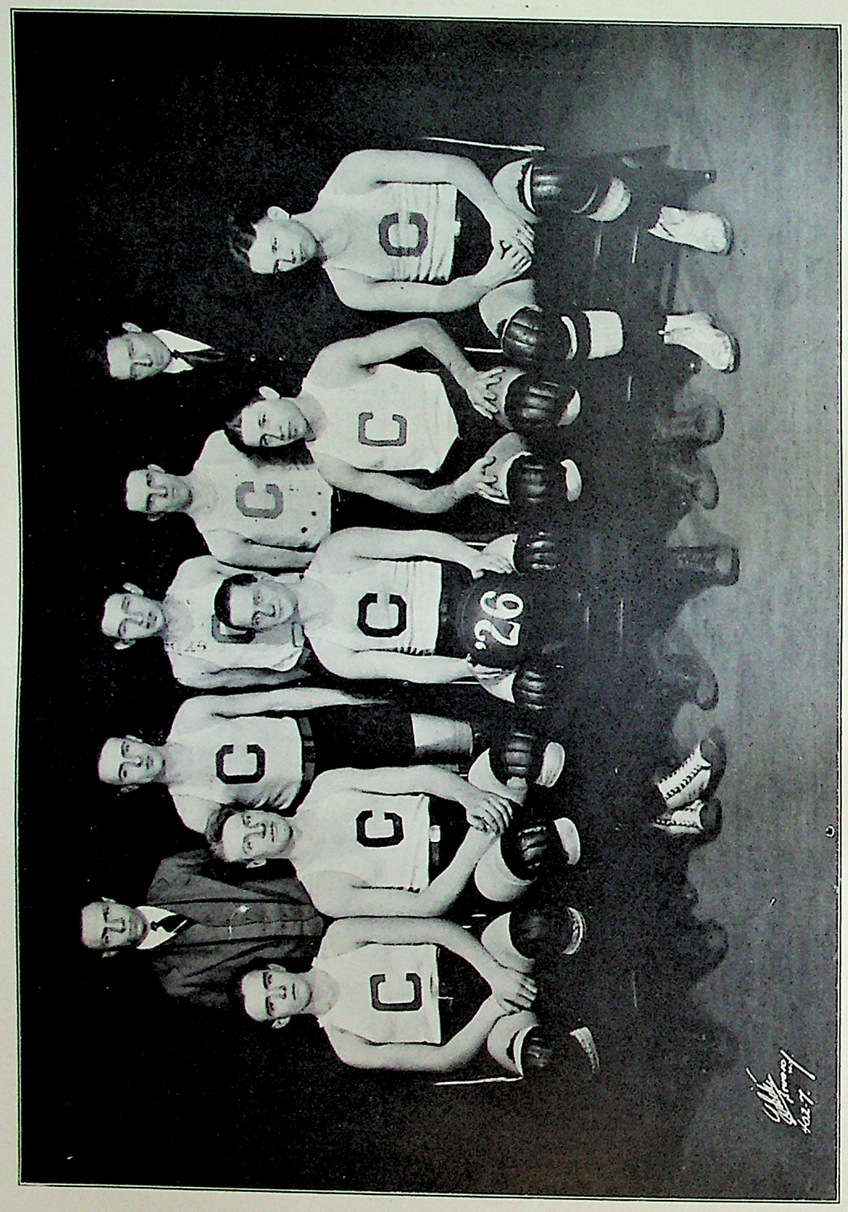
A schedule of sixteen games was arranged and this team of two veterans and three new men carried the Maroon and Gold standard to the three boros of New York and the far reaches of Jersey in the course of one of the most successful seasons which the Tech. has ever experienced.

The season opened with the Brooklyn College of Pharmacy as our hosts. The uncanny marksmanship and all around superiority of the drug clerks was too much for the young hopefuls of Cooper Square. The greenness of the quintet was apparent and the Tech. was fortunate to emerge on the low end of a 49-23 count. Capt. Judson played his usually reliable game and Carl might have helped matters if his sojourn in the fray had not terminated abruptly due to personal fouls.

Pratt was our next opponent. The steady improvement of the quintet was evident during the first half of the contest. The Techers played a brilliant game on the defense, holding the Brooklyn machine to an 8-5 margin. Judson and Lewin played well. The exertion of the first session had sapped the youngsters of their pep and in the second half the Pratt cohorts ran rife thru our lines. The superb shooting of Miller and Judson enabled the Tech to amass 18 points to Pratt's 32.

Then came our annual tour of South Orange where the Upsala College representatives welcomed us. The game was a complete reversal of form for the Tech. Our play was ragged and dull, relieved only by Miller's fourteen tallies and Heydorn's stellar passing. Perhaps the listless antics of the rest of the team could be attributed to the fact that Coach Raskin had resigned and the team was without his guiding influence. A 35-25 beating were our gleanings of the evening.

LIBRARY



TECH BASKETBALL 1925-1926

Still loath to do battle within the precincts of their Alma Mater, the Tech five subwayed to the Bronx to play Webb Institute. This game was easily the thriller of the season. The Webb outfit was essentially an offensive unit. Without rhyme or reason, they heaved from all points on the floor and invariably registered. To offset their mad rush in the initial rubber, Judson scored three goals and Lewin two. Half time found us with a seven point disadvantage. In the second session, Judson and Miller proceeded to win back the game and together scored nine goals, enabling the Tech to clinch its first victory by a 33-32 score.

Revelling in their new found speed and offensive, St. Francis of Brooklyn were our next victims by the total of 25-13. This was the first time in the history of the Tech that this team had succumbed to our playing with Miller, Lewin and Heydorn contributing in the main.

Playing their second game in as many days, Tech was humbled by the powerful and fancy quintet of the Savage School to the tune of 46-24. The affair was characterized by the general looseness of the defense. Running hither and thither, the Maroon players could not keep up with their speedy opponents. In the second half Miller solved the Savage defense to the extent of five baskets. In the first part Lewin and Judson had accounted for a similar number of goals.

Three days later, another defeat awaited the players at the gym of the Lenox Hill A. A. where the members of that association drubbed the staggering Techers by a 32-28 score. The teams were evenly matched and but for an unfamiliarity with the band box court, the Maroon might have pulled out a victory. The game was well played, Colvin, Heydorn and Lewin doing very good work. The two standbys, Judson and Miller, accounted for seven goals.

The first home game of the season was in the nature of a renewal of life for the quintet. Webb Institute were the visitors of the night and the Tech men emphatically proved their superiority over the marine engineers by trouncing them 25-19. Miller and Heydorn played a bang up game in the second half in order to vitiate a five point disadvantage with which we entered that session.

Athletic relations with Seton Hall College of Orange were opened with a game on their court. There, miles away from the homeland before the largest audience which had ever witnessed the Tech in action, the Maroon was ladled out the bitterest defeat of the season. Despite Miller's and Colvin's fine aim, we also ran—on the tail end of a 49-20 count. The shortest man on the Orange team was as tall as our center and our strap hanging experience was of no avail.

At the next home game the team took a brace and partially revenged themselves upon the bourgeoisie of Jersey by trimming the team from the Newark Normal School of Physical Education. The game was a rough one, the Tech accounting for half of its points from the foul line. Everyone on the team performed well. Kid Lewin and Carl were responsible for most of the points. The score was 24-21.

The following Saturday, the revenging act was continued. This time the Maroon was the revengee. St. Francis' cohorts travelled over to the home field and took us by a 31-24, thereby evening up the series for the season. Judson had his scoring lamp in action once again, aided by Miller. To no avail, however, as the defense could not deter Garvey of the Saints from registering with monotonous regularity.

After Savage Institute presented us with a game on a silver platter by virtue of a default came the Alumni contest. Miller and Fankuchen were the top scorers for the Tech while Thompson and Weissberg divided scoring honors for the old grads. The contest was a rough and tumble affair, no less than seventeen of the Varsity's thirty-one points being registered from the scratch. Heydorn and Judson were efficient on the defense. The final score: 31-21.

As the book goes to press two games are still to be played, namely, the Washington Square contest and the combat with the Science and Art School. Last year the Square team defeated the Tech five and this year they will be out to repeat. The last but probably the most important game of the year, the Science and Art School fray, should be a thriller as both teams are evenly matched.

Baseball

INSTITUTE OF TECHNOLOGY

THE Tech Baseball team of 1925 got under way in late February when the call for candidates was made. The prospects immediately received a set back, when it was found that some of the mainstays of the 1924 team, of whom great things were expected, were declared ineligible under the faculty rules first placed in vogue. Notwithstanding this body blow, Captain Constantino set about to build up a new team from the abundant supply of material which showed up for practice. Due to lack of a convenient diamond, practice was held in a large field in Long Island City. This field was honored by the title of "Cooper Oval." Unfortunately due to inclement weather, only five practices were held before the first game against Pratt on April 11.

The team lined up with Dean on first, Captain Constantino on second, Emmerich at short and Miller a ball hawk from the Science School on third. The outfield consisted of McCarthy left field, Snyder center field and Judson right field. Welch was back at his job behind the bat and twirling was done by Norris and Tamburrino. In choosing the team stress was laid upon good hitters, and every one of the regulars above named carried a wallop which would break up a game at any minute.

That this is true was demonstrated in the fifth inning of the Pratt game, when Welch led off with a double, Norris got a base on balls, Emmerich sent a screeching liner to the fence in left field where a great catch was made, the throw doubling Welch at second, then the next seven men hit safely driving in six runs. But after this tornado had passed the Cooper boys again fell into the lethargy which had gripped them all with the game to the tune of 9-6. Several home runs by Pratt were damaging to our cause.

Then the finals hove into view and the cramming which they entail cut into the practice sessions to such an extent that when we met St. John's, we fell victims to the extent of 22-3. The only ray of delight in this defeat was the marvelous stops and throw of Miller at third. The team was handicapped by weak pitching and poor infield work at times, which plainly showed a lack of practice. We hope to have our revenge in 1926.

It has been suggested that the A. A. offer some token to the weather god as he has been giving us rainy weather on game dates. Due to this reason it was necessary to cancel two games.

Our next game was with our dearest enemy, Upsala, in East Orange, and we were doubly unfortunate in having Dean and Miller missing, and to face Magnusson and several others of the Upsala players in their final game. "Maggie" who soon after joined the Boston Red Sox pitched his

TECH BASEBALL 1926

usual strong game. Auwater pitching his first game for Cooper held his opponents to four hits but these came in one inning and combined with an error gave Upsala five runs. Only six men reached first base. His fast ball had such smoke that not one ball was hit to either shortstop or third base. This game was the best played all season and gives rise to the belief that given proper pitching the team will make a mark for itself.

For the 1926 season Walter Judson has been elected manager and with the help of his capable assistant "Les" Hammond, has arranged games with our opponents of this season upon whom we intend to avenge ourselves; together with four more games pending. With the return to college of six of the regulars and with many potentialities in the freshmen class, a good season is to be expected.

Brick Bats

Captain Constantino a charter member of the Sahara Yacht Club and the Geology Bowling Club, soon showed that he could pilot a team as well as steer a schooner, and as for throwing the ball, "Tino" knocked them all down.

Barney Emmerich needs no introduction to the boys in the Tech. It suffices to say that he put his speed to advantage in tearing around the bases, also that he is one of our best hitters.

Carl Miller is a man who is at home any place. He became a third baseman in order to fill up a gap in that position, and safe hits in his direction were as scarce as petticoats on a chorus girl.

Walter Dean, playing his second year, was the fence buster of the team. His greatest delight was to come up with men on the bases. It was usually "home sweet home" then for the base travellers.

Gene McCarthy was a close second to Dean in his swatting powers. It is rumored that Babe Ruth has begged Gene to stay away from the Yankee stadium. His only fault is that he expects to be a "Civil."

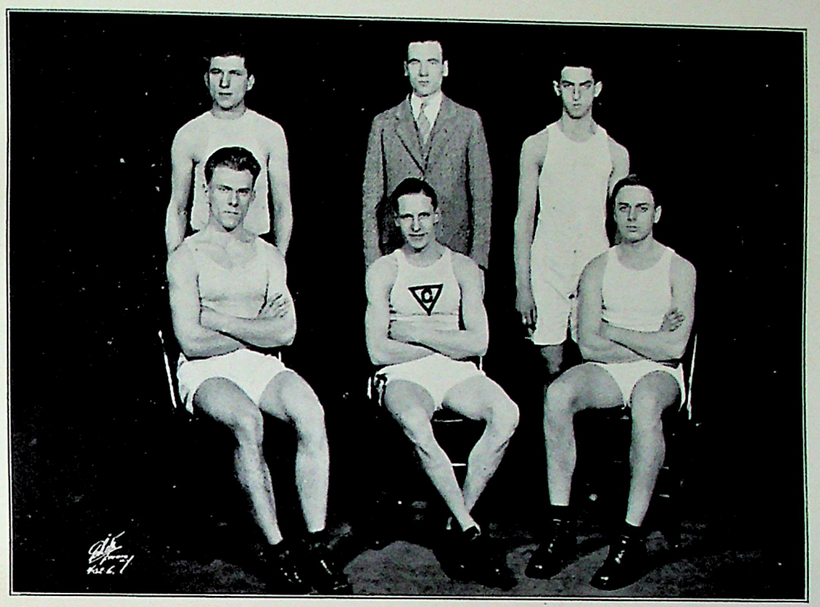
Walter Judson another member of the S. Y. C. cruises the uncharted depths of right field. He has a strong right arm, as many seamen have, and has cut down ambitious pirates trying to steal extra bases on blows to his domain.

"Serious Joe" Norris, is the hardest worker on the squad, and he is a firm believer that the game is not over until the last man is out. He has a tantalizing curve which at times makes the batters look like windmills.

Jack Welch has said that he would rather catch a ball game than go to the "Follies". When pressed for a reason he admitted that he's able to

catch the curves thrown in a ball game, but he has never been able to catch one curve in the "Follies". Our advice is that he consult Sheik Speir.

Then there was **Frank Lo Pinto.** Although Plaf is a player of note, he decided that he could help the team more by keeping score, since he has had much practice in juggling figures. To Plaf goes the credit of suffering most of the laughs and thrills during the season.



Track

INSTITUTE OF TECHNOLOGY

THE marked inactiveness of the incoming class and the rather stringent eligibility rules put a sudden end to the 1924-25 track team. With no new material and the veterans out of the picture the ruin was practically complete.

This season leaves little or no prospects for the coming seasons. However life gives hope.

Manager
WALTER W. MEIERS '25

Assistant Manager
CHARLES SCHWARZLER '26

Wearers of the "C"

Schools of Science and Art

Football

Major "C"

Baird	Dwyer	O'Neill	Klotz
Clarke	Enders	Powell	Reinhardt
Cornish	Lillig	Appel	Suarez
Cramer	Lombardo	Lawrence	Warshak
Di Santo	Naujock	Epifania	Wise

Basketball

Major "C"

Clarke — Fortuna — Lawrence

Seguso — Suarez

Minor "C"

Gorman	Keller	Powell	Slezak
Glover	Kuszma	Slevin	Torraco

Track

Major "C"

Carroll	Dwyer	Jacobs	Milford
Cornish	Enders	La Rosa	Tauss

Witchell

Institute of Technology

Basketball

Major "C"

Albert	Colvin	Heydorn	Lewin
Carbone	Fankuchen	Judson	C. W. Miller

F. H. Miller — Muller — Wood

Baseball

Major "C"

Constantino	Judson	Norris
Dean	C. W. Miller	Welch

Track

Major "C"

Johnson — Mofsenson — Schwarzler

Wearers of the "C"

Schools of Science and Art

Football

Major "C"

Baird	Dwyer	O'Neill	Klotz
Clarke	Enders	Powell	Reinhardt
Cornish	Lillig	Appel	Suarez
Cramer	Lombardo	Lawrence	Warshal
Di Santo	Naujock	Epifanio	Wise

Basketball

Major "C"

Clarke	Fortuna		[illegible]
Seguso		[illegible]	

Minor "C"

Gorman	Keller	[illegible]	[illegible]
Glover	[illegible]	[illegible]	[illegible]

Track

Major "C"

Carroll	Dwyer	[illegible]	[illegible]
Cornish	Enders	La Rosa	[illegible]
	Witchell		

Institute of Technology

Basketball

Major "C"

Albert	Colvin	Heydorn	[illegible]
Carbone	Fankuchen	Judson	C. W. Miller
F. H. Miller	Muller	Wood	

Baseball

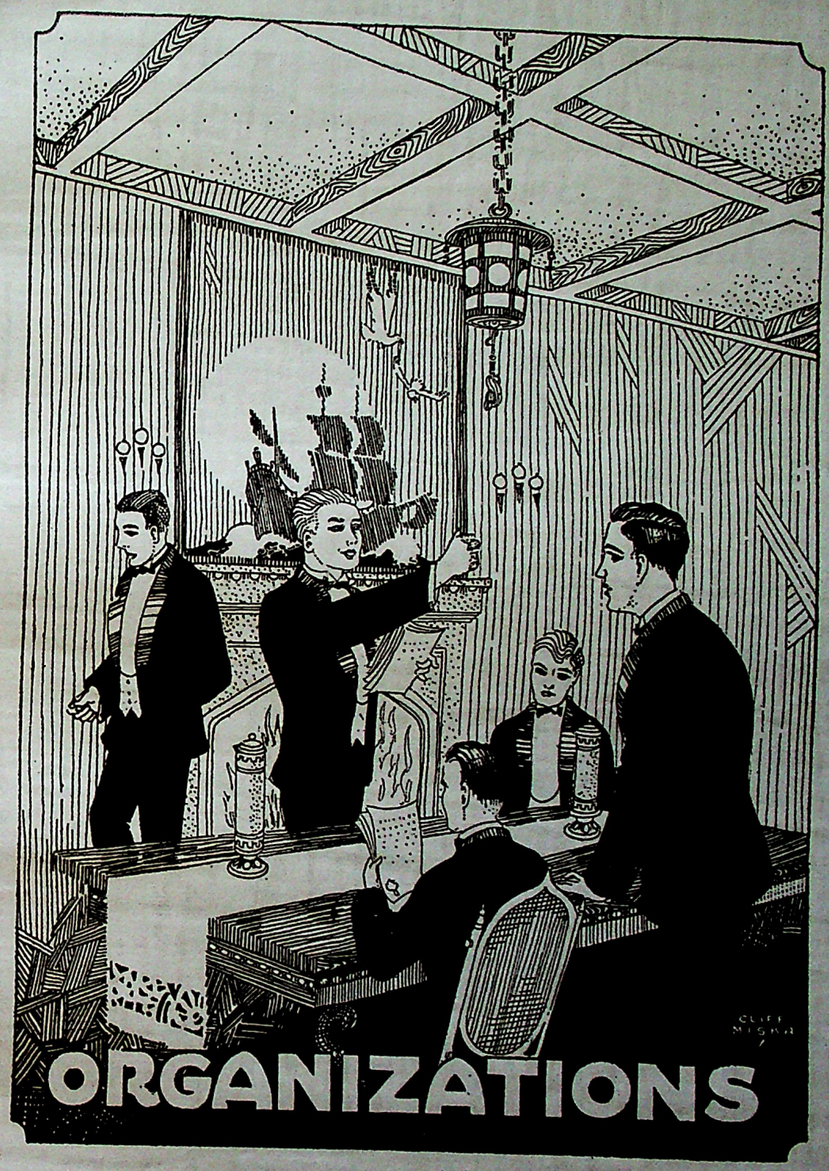
Major "C"

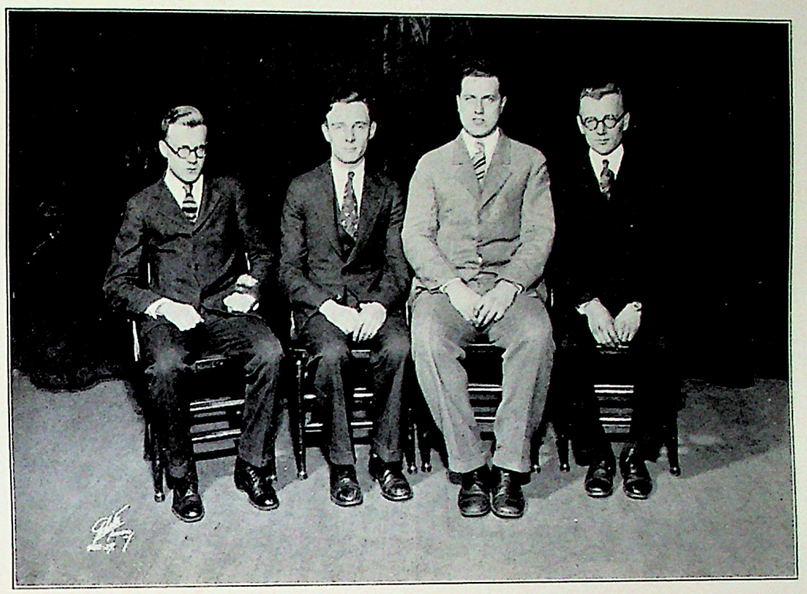
Constantino	Judson	[illegible]
Dean	C. W. Miller	Welch

Track

Major "C"

Johnson	Mofsenson	Schwoezler


ORGANIZATIONS



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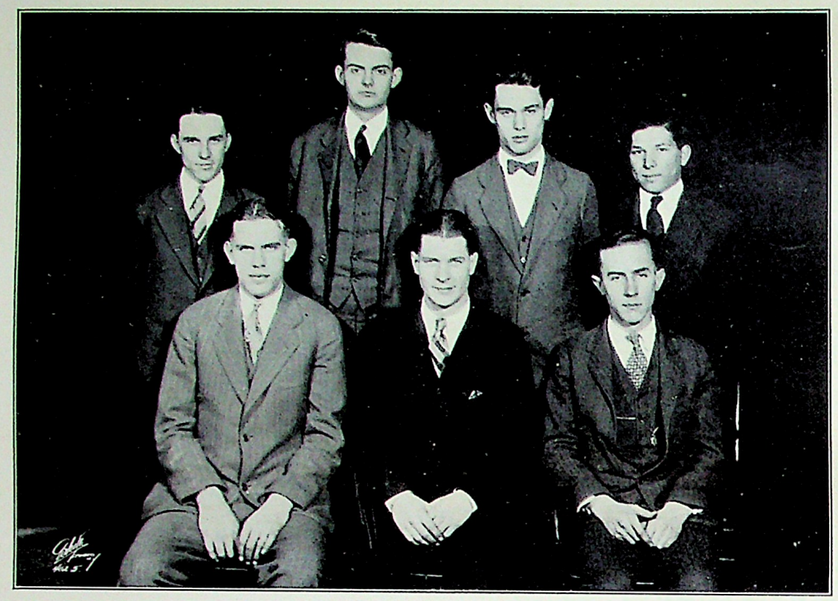

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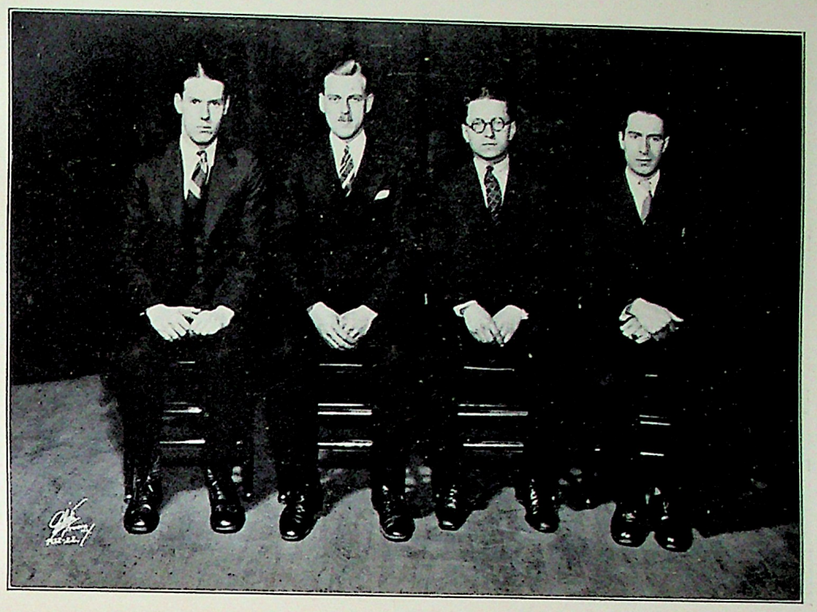

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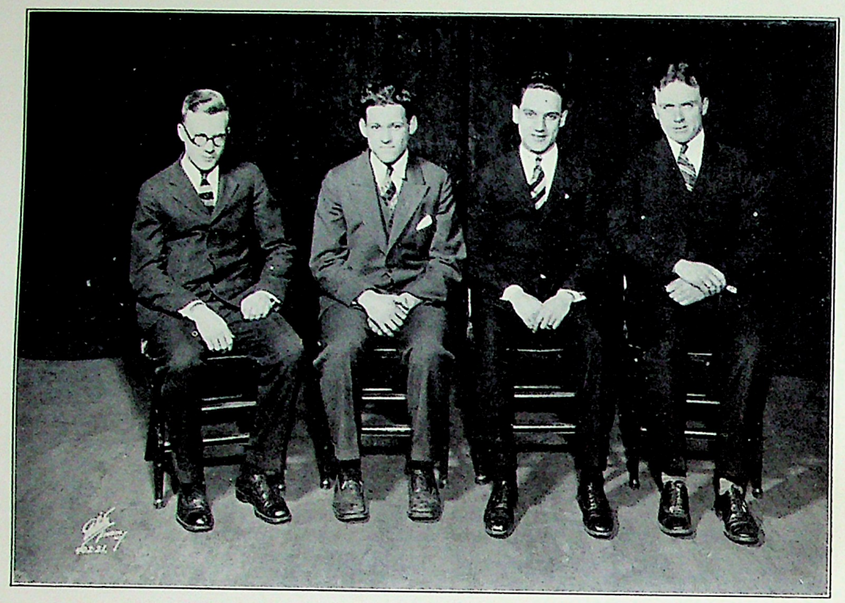

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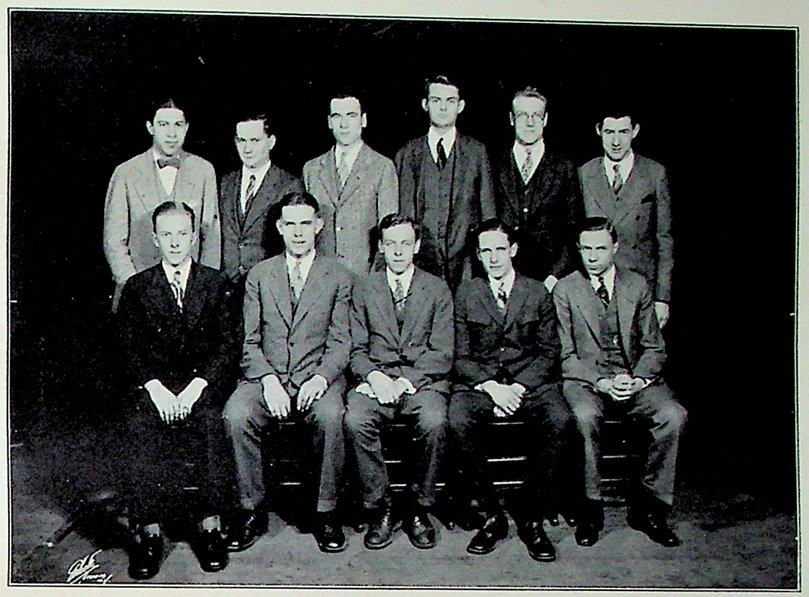
IRWIN APPEL

Basketball
H. CLIFFORD CLARKE

Track
JAMES CARROLL



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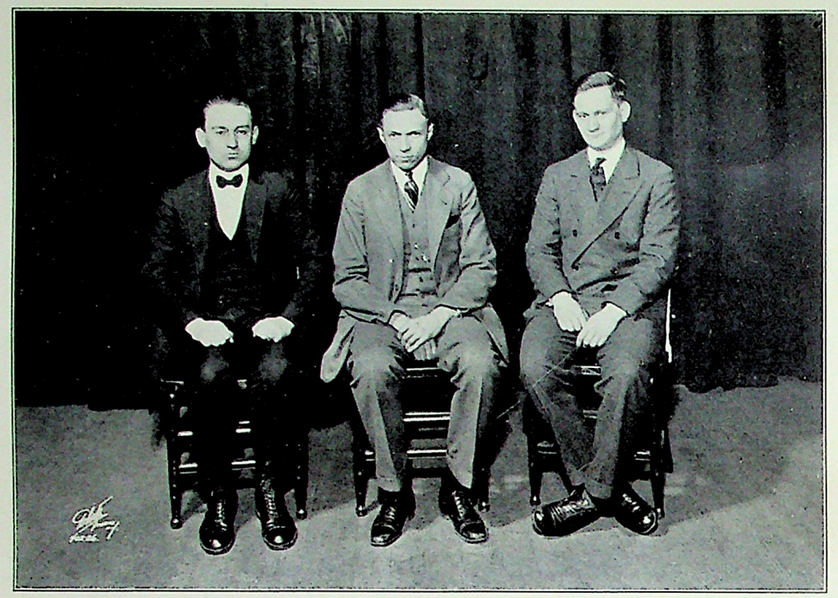
F. H. MILLER

Baseball
W. G. JUDSON

Track
W. W. MEIERS



Mathematics Club

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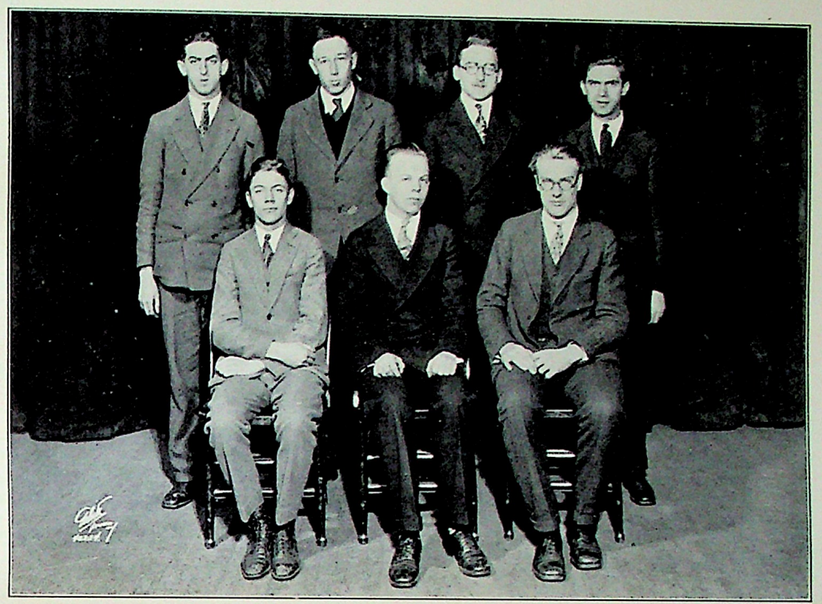
Vice-President
THADDEUS SLONCZEWSKI

THE Mathematics Club opened its sixth year with a very interesting paper presented by Mr. Lehman. He attacked with a vim the topic of the "Application of Mathematics to the Inspection of Gages and Standards," and won the interest and enthusiasm of the students from the very start. Next Mr. Bert Spier, '26 gave a very interesting talk on the "Planimeter." Mr. Lubkin also gave an interesting discourse on Geometric Construction.

The magic square was the topic of a paper presented by Mr. F. Mertens. Mr. Mertens told the secrets of their construction and further elucidated by constructing several of them.

Mr. T. Slonczewski, '26, presented the "Diaphantine Equations." Who would think that a system of equations could be solved containing more unknowns than equations? The Count enlightened us on the matter and now we are prepared to solve them if their physical significance is given.

Many other interesting talks on all branches of mathematics were given by members of the club, during the year.



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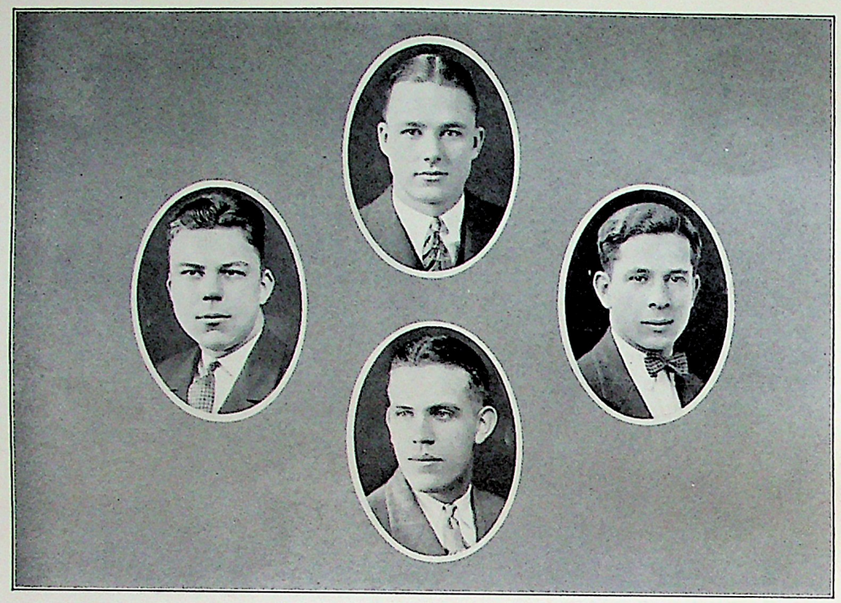
FOUR years ago a group of enthusiastic students organized the Cooper Chem Club. Their efforts were rewarded; the club soon taking a prominent place in school activities.

The year 1925-1926 proved most successful. Opening the season, Dr. Byers presented an illustrated discussion on "Chemical Tricks" before a large gathering. Later, Mr. Moehlmann, spoke on "Chemical Structure in Industry."

Realizing that to depend on outsiders for talks would defeat the purpose of the club, the program committee arranged for a series of papers by student members. These papers stimulated research and led to the unearthing of some particularly interesting matter.

The social high-light of the season, was the annual "get-together" during Christmas week. After viewing "Arms and the Man," the members together with friends and alumni enjoyed a dinner.

Motion pictures of a chemical nature have also been presented to the members, and looking to the far distant future, plans are now being made for several summer affairs.



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American Society of Civil Engineers

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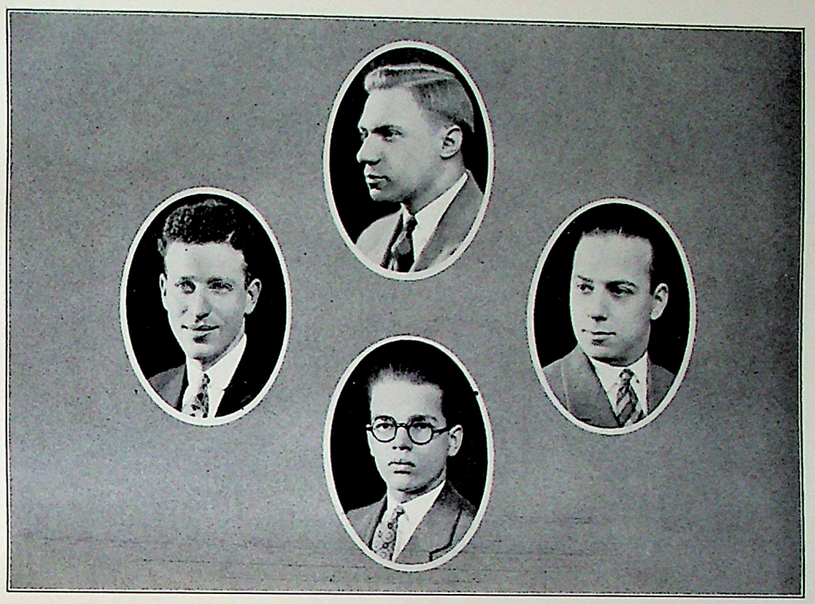
G. G. SKAU

THIS is the first full year of the Cooper Union Student Chapter of the American Society of Civil Engineers, although it had previously been in existence under the name of the Cooper Union Civil Engineering Society.

At the first meeting of the year, the society was honored by the presence of Mr. Ridgeway, Past President of the American Society of Civil Engineers and chief engineer of the Board of Transportation of New York City. The topic discussed was "The Subways of New York City." The next meeting was a talk on asphalt by Mr. W. E .Rosengarten of the Asphalt Association. This was also illustrated.

At present, plans are under way to obtain more speakers on topics of interest to the members, notably engineers of the American Bridge Company on fabrication and erection of structural steel. A very successful future seems assured.



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American Institute of Electrical Engineers

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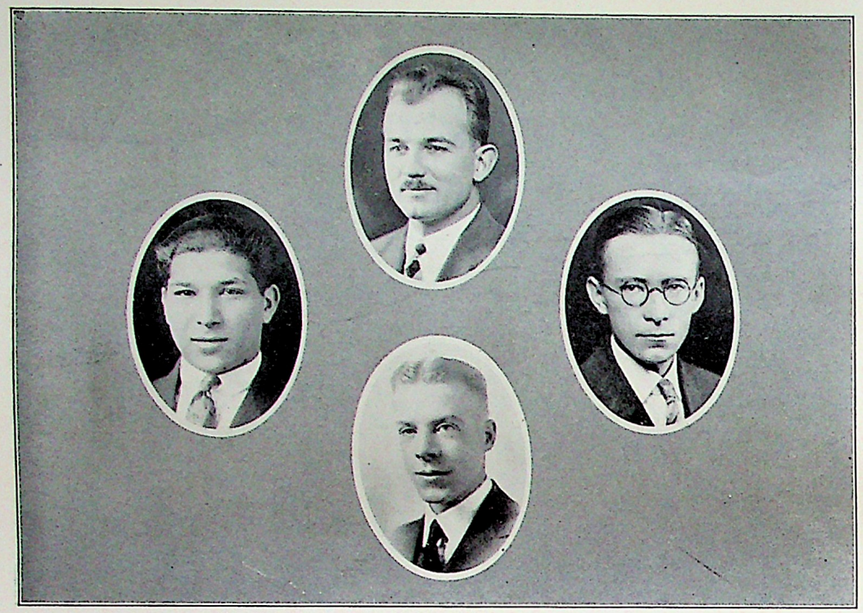
THE A. I. E. E. is the national organization representing the electrical engineering profession. It was founded in 1884 and has for its objects the advancement of the theory and practice of electrical engineering.

Very active interest has been shown by the students in the past few months. Under the able guidance of Professor Towle, its faculty adviser, officers were elected and all indications point to a very active season. The first meeting was held on the afternoon of February 6, at which Professor H. B. Smith of Worcester Polytechnic Institute gave a very interesting lecture on power transmission at high voltages.

An interesting program of meetings and visits to plants has been prepared for the remainder of the year.



Student Branch

American Society of Mechanical Engineers

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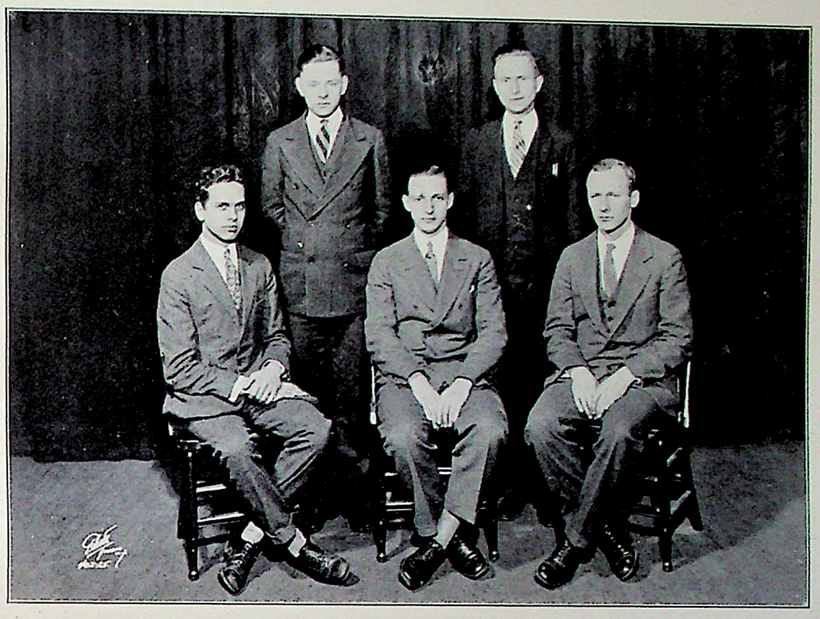
Vice-Chairman
R. M. PAULSON
Secretary
N. L. KERACHSKY
Treasurer
F. C. RYDER

THIS organization has just completed the most active year of its career. During the Christmas recess, inspection visits were made to the Mergenthaler Linotype Company, the Duplex Motion Picture Company and the steamship "Independence Hall". In January Mr. F. J. Schlinck, of the American Engineering Standardization Committee, in an address before the branch, stressed the increasing necessity for standardization in industry. Numerous examples of steps in this direction in this and other countries were cited. During the month of March the Hudson Avenue plant of the Brooklyn Edison was visited.

Among the papers presented by student members were: Motor Bus Design by G. P. Wilson; Submarine Design by L. E. Shapiro; and High Temperature Insulation by S. M. Martin.

The success of the branch is due in a large measure to Prof. George F. Bateman. His time and efforts have been freely given toward making the organization one of real value to the mechanical engineering students.



The Newman Club

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Secretary
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THE Newman Club, which was founded in 1923, is a member of the Federation of College Catholic Clubs. It meets at Newman Hall, 635 W. 115th St., of the Newman Clubs of the New York Province. The Club holds monthly meetings, which are both varied and interesting.

During the present year, there have been a card party, a dance, a lecture delivered by the chaplain, and an evening of informal entertainment. The Club has been represented at the annual conference of the Federation, and at the annual New York Province Convention, at which delegates from the clubs of the vicinity of New York discussed problems of their clubs.

With the increasing interest in the Club which has been manifest, it can easily be predicted that the Newman Club of Cooper Union will be worthily represented in this intercollegiate organization which has for its motto, "Cor ad cor loquitur", and whose guiding principles are scholarship and religious sincerity.

The Alumni Federation

of

Cooper Union

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Secretary
D. R. LOVEJOY '95

Vice-President
W. H. WAGNER '03

Treasurer
R. C. COFFIN '10

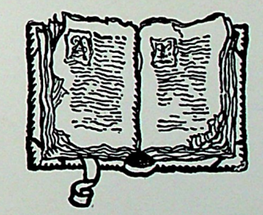
THE Alumni Federation came into being just prior to the World War, as the result of the recognition of the need of an agency to bring the alumni organizations of the various schools into closer relationship. It was recognized that there are alumni activities which concern graduates of all the schools and which required for their fulfillment an organization broader in scope than any one of departmental alumni.

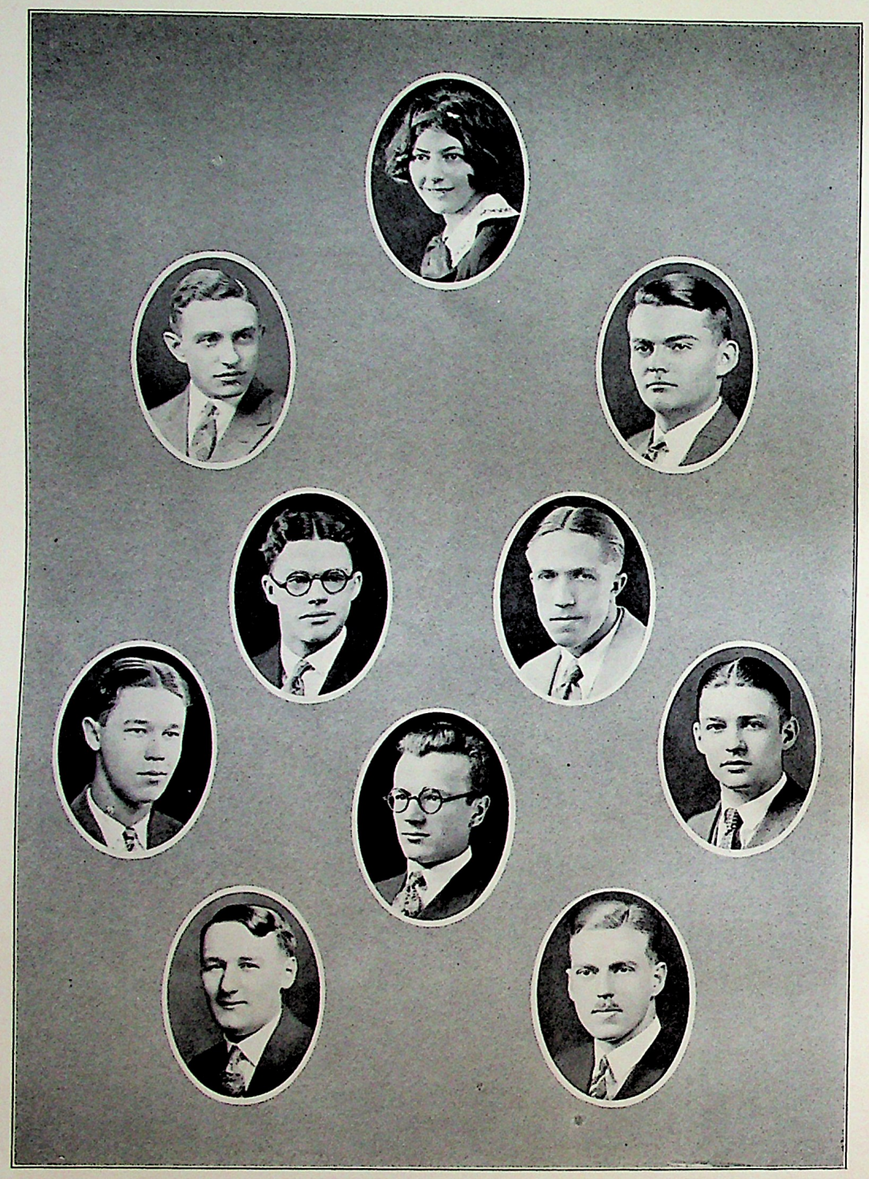
The Federation, as at present constituted, consists of four representatives from each school or department of Cooper Union, two of which are annually elected by the Alumni organization of each of these schools. There is no such thing as individual membership in the Federation. Its only members are the participating alumni bodies and individual membership is in them only. The Federation therefore strongly urges each student, upon graduation, to affiliate himself with the alumni association of his particular school and so keep in touch with general alumni matters by virtue of the membership of that organization in the Federation.

The financial requirements of the Federation are met by assessments against the participating Alumni bodies in accordance with their active membership and are based on an annual budget submitted for their approval.

The list of activities of the Federation includes the Alumni Dinner, the suitable celebration of Founder's Day; the decoration of Peter Cooper Statue in Cooper Square on Founder's Day; the decoration of the Cooper graves in Greenwood Cemetery on Memorial Day each year; the maintenance of an employment service for students and graduates; the gathering of funds for various purposes connected with Cooper Union, notably to match the Rockefeller Foundation gifts, etc., and generally speaking any matter which concerns more than one Alumni organization or Cooper Union at large.

Publications





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A WEEKLY PUBLICATION

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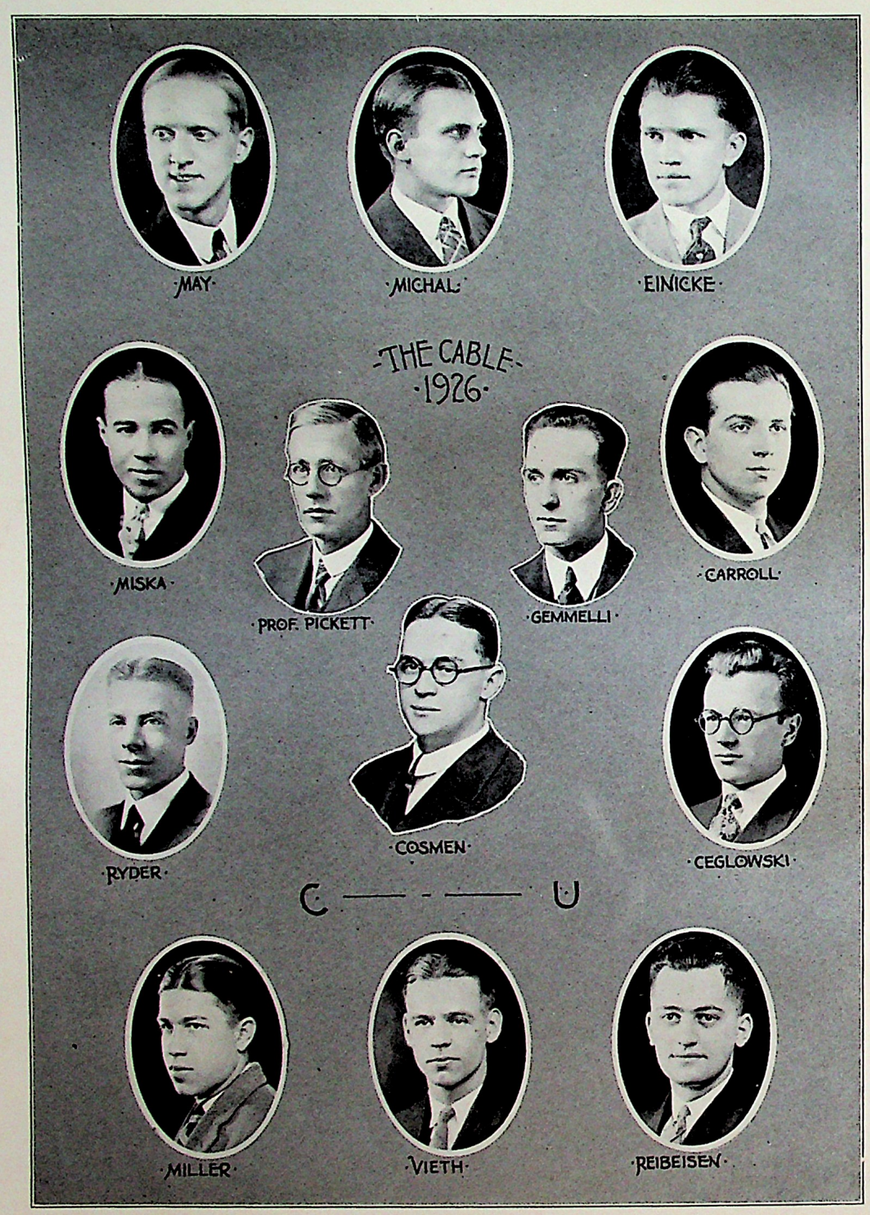

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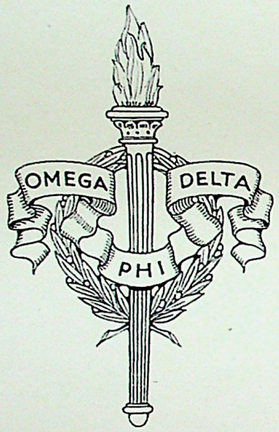
The pleasurable cooperation of MISS BESSIE ELLINSON and others of White Studios for their able handling of the photography.

The professional advice of MR. HARRY J. READ and MR. IRVIN SILVER, of the printers, on all matters relating to type and set-up of the pages.

All other cooperation and aid received in the production of this, the FIFTH ANNUAL CABLE.



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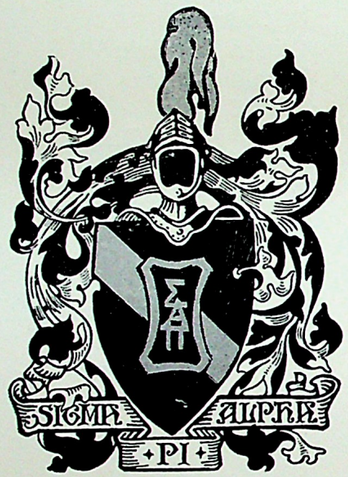

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Maurice M. Breslau	11713 107th Ave., Richmond Hill, L. I.
Alfred Hilbert	18 Center St., Clifton, N. J.
John W. Hill	128 N. 19th St., East Orange, N. J.
Leon Joffe	926 Southern Boulevard, Bronx, N. Y.
William La Rosa	1880 54th St., Brooklyn, N. Y.
Raymond T. Lynch	15 Cortelyou Pl., New Brighton, S. I.
George Meister	36 Chapman Pl., Irvington, N. J.
Nicholas M. Molnar	350 Central Park West, New York City
Howard S. Phelps	62 Garrison Ave., Jersey City, N. J.
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Jacob Sloves	60 Throop Ave., Brooklyn, N. Y.
Fred M. Thatcher	123-34 Rockaway Boulevard, So. Ozone Park, L. I.
Vincent Von Zwehl	445 W. 49th St., New York City

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Horace Mitchell Carter	67 W. 11th St., New York City
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Allen Mazel	507 Logan St., Brooklyn, N. Y.
Adrian R. Pitrot	441 E. 87th St., New York City
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Chemistry, 1928

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Leonard M. Kebrich	319 E. 46th St., New York City
Conrad Laschiver	723 E. 160th St., Bronx, N. Y.
Morris N. Lipschuetz	106-48 Sutphin Boulevard, Jamaica, L. I.
Martin Schoen	1156 E. 87th St., Brooklyn, N. Y.
Charles Sutter	711 15th St., Union City, N. J.
Vincent A. Toscani	318 E. 47th St., New York City
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Arthur B. Wilkinson	159 W. 74th St., New York City

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Harry I. Cohen	2673 3d Ave., New York City
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Alfredo Del Valle	61 W. 114th St., New York City
Isaac Drekter	1157 Glenmore Ave., Brooklyn, N. Y.
Karl Dreyer	50 Houxhurst Ave., Weehawken, N. J.
Frank Germain	4110 Carpenter Ave., New York City
George W. Gessing	4932 89th Ave., Richmond Hill, L. I.
Shinzaburo Handa	59 Second St., Bayonne, N. J.
George S. Hilyer	13 Orange Heights Ave., West Orange, N. J.
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Chemical Engineering, 1930

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General Science, 1927

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General Science, 1929

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John Lutcha ..... 57 Willow St., Astoria, L. I.
John J. Lynch ..... 70 Vine St., Corona, L. I.
Arthur J. MacLean ..... 234 E. 41st St., New York City
Arthur W. Magrath ..... 8618 107th St., Richmond Hill, L. I.
John L. Mancini ..... 437 E. 114th St., New York City
Fred Mason ..... 1061 E. Jersey St., Elizabeth, N. J.
William A. Matthews ..... 847 Hart St., Brooklyn, N. Y.
Charles Mattke ..... 925 Steinway Ave., Long Island City, L. I.
Lewis H. McClure ..... 390 St. John's Pl., Brooklyn, N. Y.
Albert M. Milford ..... 919 Trinity Ave., New York City
Gustave P. Mortenson ..... 150 4th Ave., Brooklyn, N. Y.
Alfred H. Muller ..... 76 Academy St., Long Island City, L. I.
William Nagel ..... 340 E. 139th St., New York City
A. Charles Negretti ..... 34 Second Ave., Paterson, N. J.
Max Neiman ..... 1147 50th St., Brooklyn, N. Y.

John O'Connell ..... 605 Palisade Ave., Jersey City, N. J.
John R. Ogden ..... 1032 Union Ave., New York City
Thomas D. O'Sullivan ..... 500 First Ave., Astoria, L. I.
John J. Patten ..... 280 Dean St., Brooklyn, N. Y.
Stepjen Perrone ..... 55 26th St., Jackson Heights, L. I.
Robert S. Peterson ..... 533 84th St., Brooklyn, N. Y.
Walter E. Pillartz ..... 511 W. 59th St., New York City
Harry L. Poinsette ..... 55 Hanson Pl., Brooklyn, N. Y.
George Pradl ..... 26 Laconia At., Elmhurst, L. I.
Raymond Purcell ..... 247 Waverly Pl., New York City
Francis Puy ..... 511 19th St., Union City, N. J.
Harry H. Rabin ..... 1559 Jesup Ave., Bronx, N. Y.
Oscar Reich ..... 754 E. 152d St., New York City
Alexander Reikes ..... 2794 Webb Ave., New York City
Nicholas Y. Rinaldi ..... 208 Thompson St., New York City
Reon B. Roberts ..... 29 Claremont Pl., Mt. Vernon, N. Y.
Charles R. Sadler ..... 249 W. 107th St., New York City
Morris Ruskin ..... 2130 61st St., Brooklyn, N. Y.
Paul A. Santora ..... 5411 Junction Ave., Elmhurst, L. I.
Andrew J. Savage ..... 436 E. 139th St., New York City
John Shipley ..... 22 Clarke Ave., Jersey City, N. J.
Henry J. Sieb ..... 175 N. Broadway, Yonkers, N. Y.
Lewis Silverman ..... 1605 Ave. V, Brooklyn, N. Y.
Orville Smith ..... 21 Webster Pl., Brooklyn, N. Y.
John Steinberg ..... 1413 Prospect Ave., Bronx, N. Y.
Raymond R. Thomson ..... 227 15th St., Brooklyn, N. Y.
Anthony J. Triano ..... 309 Duer St., Plainfield, N. J.
Leslie L. Vamos ..... 18 W. 102d St., New York City
Karl Vaupel ..... 166 14th Ave., Long Island City, L. I.
Louis K. Vonderohe ..... 773 Home St., Bronx, N. Y.
Max A. H. Von Ommeren ..... 1799 Gates Ave., Brooklyn, N. Y.
Thomas J. Walker ..... 2515 University Ave., New York City
Henry G. Wanderer ..... 847 Boulevard, East Weehawken, N. J.

Institute of Technology, 1926

Max Abrams ..... 1035 Jefferson Ave., Brooklyn, N. Y.
W. H. Albert ..... 61 Seaside Boulevard, Staten Island, N. Y.
E. Z. Baharav ..... 30 E. 22d St., New York City
Edward Carbone ..... 4702 Fort Hamilton Parkway, Brooklyn, N. Y.
A. J. Constantino ..... B St., Cold Spring N. Y.
Walter A. Dean ..... 25 E. 7th St., New York City
Isidor Fankuchen ..... 525 Madison St., Brooklyn, N. Y.
Howard M. Hill ..... Wright Ave., Bayside, N. Y.
Walter G. Judson ..... 429 E. 64th St., New York City
Nathaniel Lawrence Kerachsky ..... Leonard Bridge, Conn.
Morris F. Ketay ..... Columbus Ave., Spring Valley, N. Y.
Kenji Kusuyama ..... 149 E. 13th St., New York City
Frank A. Lo Pinto ..... 815 Cauldwell Ave., New York City
Arthur W. Luedeke ..... 374 Hallett St., Astoria, L. I.
Jacob Marcus ..... 179 Spruce St., Newark, N. J.
Fred. H. Miller ..... 8636 104th St., Richmond Hill, N. Y.
D. W. Peterson ..... 186 Union Ave., Belleville, N. J.
Charles Schwarzler, Jr. ..... 30 Bergen Ave., Bergenfield, N. J.
Louis Eli Shapiro ..... 940 Tiffany St., Bronx, N. Y.
Thaddeus Slonczewski ..... 2066 Batchelder St., Brooklyn, N. Y.
Berthold Speier ..... 351 Onderdonk Ave., Brooklyn, N. Y.
Michael Sudol ..... 20 Fifth St., Passaic, N. J.
Isaac Sutta ..... 1434 47th St., Brooklyn, N. Y.
John J. Welch ..... 2690 Valentine Ave., New York City
Ralph Richter Wenner ..... 25 7th St., New York City
Samuel Jay Winterberg ..... 451 Palisade Ave., West New York, N. J.

Institute of Technology, 1927

Marshall Acken ..... 715 West Fourth St., Plainfield, N. J.
Aniello Angeloro ..... 3646 Holland Ave., New York City
George Auwarter ..... 34 Richmond St., Brooklyn, N. Y.
Rocco D. Bafundo ..... 1 6th St., New Rochelle, N. Y.
Donald S. Bell ..... 84 Mahlstedt Pl., New Rochelle, N. Y.
Abram Bloom ..... 622 W. Front St., Plainfield, N. J.
Ephraim Bloom ..... 622 W. Front St., Plainfield, N. J.
William Bogert ..... Kinderkamack Rd., River Edge, N. J.
Walter S. Bolles ..... 332 McDougal St., Brooklyn, N. Y.
Charles L. Brown ..... 2054 Fletcher Ave., West Fort Lee, N. J.
Guillermo E. Cintron ..... 320 W. 113th St., New York City
Fred. Cochrane ..... 492 Fifth St., Brooklyn, N. Y.
Harold Cramer ..... 218 E. 42d St., Brooklyn, N. Y.
Henry C. Eckhardt ..... 15 Junction Ave., Corona, L. I.
Kurt George Eckart ..... 206 Prospect Pl., Brooklyn, N. Y.
Samuel Feldman ..... 119 Governor St., Paterson, N. J.
Richard C. French ..... 28 Sherman St., Long Island City, N. Y.
Thomas G. Guerin ..... 1068 Woodycrest Ave., Bronx, N. Y.
Lester Hammond ..... 61 Underwood St., Newark, N. J.
Sydney Helprin ..... 949 Prospect Pl., Brooklyn, N. Y.
Anthony Karolyi ..... 151 E. 89th St., New York City
Stavros J. Liacos ..... 470 E. 161st St., New York City
Samuel Lubkin ..... 34 Clara St., Brooklyn, N. Y.
Custer Lynn ..... 21 Burgess Pl., Passaic, N. J.
Fred. Metzger ..... 11 Montross Ave., Rutherford, N. J.
Carlyle W. Miller ..... 42-15 76th St., Elmhurst, L. I.
Isaac Mofsenson ..... 1363 47th St., Brooklyn, N. Y.
Guillermo Mortinez ..... 1437 Madison Ave., New York City
Frederick Obergfell ..... 870 East 175th St., Bronx, N. Y.
Rudolph M. Paulson ..... 717 9th St., College Point, N. Y.
Quentin I. Peters ..... 29 N. Madison Ave., Spring Valley, N. Y.
Aaron Rabinowitz ..... 883 Forest Ave., Bronx, N. Y.
Walter Rayment ..... 1843 Norman St., Brooklyn, N. Y.
Joseph Reibeisen ..... 623½ Fifth Ave., Brooklyn. N. Y.
Louis Reinken ..... 11010 Liberty Ave., Richmond Hill, N. Y.
Ralph E. Ressler ..... 36 Nichols Ave., Brooklawn, Bridgeport, Conn.
Isidore Rubinowitz ..... 1548 Pitkin Ave., Brooklyn, N. Y.
Edwin T. Schwarz ..... 77 W. 92d St., New York City
Paul Sippel ..... 668 Varsity Rd., South Orange, N. J.
D. Y. Smith ..... 20 Norman St., East Orange, N. J.
A. J. Vernon ..... 102 Garrison Ave., Jersey City, N. J.
Henry T. Wilhelm ..... 35 Lincoln Place, Brooklyn, N. Y.

Institute of Technology, 1928

Michael Albanese ..... 31 Park Place, Passaic, N. J.
Arendt J. Arnhols ..... 324 13th St., West New York, N. J.
Nicholas Baldanza ..... 134 Park Ave., Passaic, N. J.
Abraham Berkowitz ..... 710 Fifth St., New York City
John G. Bouquio ..... 609 Dunellen Ave., Dunellen, N. J.
Fred D. Broumberg ..... 340 Fifth St., New York City
Charles D. Brown ..... 146 First St., Woodridge, N. J.
Michael Burriello ..... 819 Highpoint Ave., Union City, N. J.
Carmine Caruso ..... 28 Nicholas St., Newark, N. J.
George F. Colvin ..... 184 Claremont Ave., New York City
Loren J. De Lanty ..... Spring Valley, N. Y.
William A. De Martino ..... 53 Greenwich Ave., Stamford, Conn.
Frank Kenneth DeVoe ..... 23 Bank St., White Plains, N. Y.
Frank J. Di Fusco ..... 144 President St., Brooklyn, N. Y.
Peter Douglas ..... 294 Broadway, Bayonne, N. J.
George Durfee ..... 732 E. 234th St., New York City

William J. Francis ..... P. O. Box 266, Peekskill, N. Y.
George L. Ginexi ..... 350 Oak St., Passaic, N. J.
Arthur Gionti, Jr. ..... 218 Belmont Ave., Haledon, N. J.
Harold W. Golberger ..... 38 West 182d St., New York City
J. P. Groenendyke ..... 342 Travers Place, Lyndhurst, N. J.
William A. Heydorn ..... 309 12th St., College Pt., N. Y.
David Himelfarb ..... 112 Belmont Ave., Brooklyn, N. Y.
William P. Hughes ..... 128 55th St., Brooklyn, N. Y.
Charles W. Johnson ..... 128 N. Main St., Freeport, N. Y.
Carl E. Kastner ..... 461 Hawthorne Ave., Newark, N. J.
Lawrence J. Kelly ..... 272 95th St., Brooklyn, N. Y.
George H. Kisbany ..... 105 Westover Pl., West New York, N. J.
Louis A. Lachman ..... 372 Palmetto St., Brooklyn, N. Y.
Lopis Lamperti ..... 4180 Loenia Ave., Bronx, N. Y.
David Levine ..... 350 Monroe St., Passaic, N. J.
Otto C. Lindgren ..... 4824 4th Ave., Brooklyn, N. Y.
Leo Lustig ..... 334 E. 6th St., Plainfield, N. J.
John M. Meehan ..... 270 West End Ave., New York City
Louis A. Nees ..... 799 Main St., New Durham, N. Y.
Joseph A. Norris ..... 56 E. Kingsbridge Rd., New York City
Morris Ocko ..... 359 W. 47th St., New York City
Malcohm Packman ..... 524 S. 8th Ave., Mt. Vernon, N. Y.
C. H. Postel, Jr. ..... 435 W. 57th St., New York City
Edgar T. Reynolds ..... 3649 Willet Ave., New York City
Ludwig P. Rovkenbach ..... 211 Beach 99th St., Rockaway Beach, N. Y.
Joseph Saranisky ..... 107 Reade St., Engelwood, N. J.
Ismail Saim ..... 666 W. 207th St., New York City
Alfred Seelfo ..... 169 Lafayette St., Newark, N. J.
Edwin L. Scherck ..... 252 Fingerboard Rd., Rosebank, N. J.
Edward F. Staver ..... 3266 80th St., Jackson Heights, L. I.
Meyer Tanenbaum ..... 1796 Pitkin Ave., Brooklyn, N. Y.
Carl C. Theede ..... 7208 Kessel St., Forest Hills, L. I.
Joseph Trick ..... 329 Ridge Road, Rutherford, N. J.
William Vanderhout ..... 9466 224th St., Queens, L. I.
Christian Waever ..... 19 Parade Pl., Brooklyn, N. Y.
Frederick W. Wolf ..... 144 David St., Great Kills, S. I., N. Y.
Harvey W. Wood ..... Croton-on-Hudson, N. Y.

Institute of Technology, 1929

William G. Alznauer ..... 230 Broadway, Elizabeth, N. J.
Louis Bason ..... 174 Beach 60th St., Arverne, L. I.
Emanuel Barbera ..... 276 Suydam St., Brooklyn, N. Y.
Edward Samuel Barbiar ..... 200 25th St., Guttenburg, N. J.
Rudolf W. Behnken ..... R. F. D. No. 1, Elizabeth, N. J.
Harold R. Benson ..... 19 Cortlandt St., Mount Vernon, N. Y.
Harry Bialack ..... 41 Benson St., Paterson, N. J.
John F. Birona ..... 169 Sterling St., Brooklyn, N. Y.
August Borer ..... 20 N. 4th St., Paterson, N. J.
Frederick James Braun ..... 64 St. Paul Ave., Newark, N. J.
Allison Burger ..... 48a E. 40th St., Bayonne, N. J.
Robert G. Butler ..... 953 Anderson Ave., Bronx, N. Y.
Frank Q. Carmody ..... 265 Woodlawn Ave., Jersey City, N. J.
Elwood Critchley ..... Park Ave., Allendale, N. J.
William O. Csak ..... 203 Raymond Place, West Brighton, S. I., N. Y.
Stanley B. De Hart ..... 1116 Branner Ave., Sheepshead Bay, N. Y.
Raymond Depuy ..... 23 Hatfield Place, Richmond, N. Y.
Ernesto Diaz ..... 51 W. 114th St., New York City
Warren W. Dixon ..... 25 N. 16th St., East Orange, N. J.
Paul P. Dugas ..... Tulip Ave., Franklin Square, L. I.
David Duhensky ..... 279 Division Ave., Brooklyn, N. Y.
Howard J. Dunbar ..... 128 Summit St., Bridgeport, Conn.
Charles E. Durr ..... 1989 Morris Ave., New York City
George Estler ..... 119 Sherman St., Boonton, N. J.

Leslie L. Feher.....416 Broadway, Astoria, L. I.
Sylvan Fich.....505 Walnut St., Dunellen, N. J.
Walter J. Figiel.....3056 Wilson Ave., Bronx, N. Y.
Harold Fischer.....1431 Fifth Ave., New York City
Theodore Fleschntz.....35 Orchard St., Ridgefield Park, N. J.
Ernest Franhner.....4057 Park Ave., New York City
Howard W. Fuhrman.....Woodland Ave., Ramsey, N. J.
John W. Golden.....130 Washington St., Port Chester, N. Y.
Eugene Guarini.....191 Montrose Ave., Brooklyn, N. Y.
Benny L. Gyure.....935 N. Division St., Peekskill, N. Y.
Najeeb John Haddad.....384 Eldert Lane, Brooklyn, N. Y.
Herbert Harris.....Woodcliff Lake, N. J., P. O. Westwood, N. J., R. F. D. No. 2
Irving Hartman.....404 Audubon Ave., New York City
Wilfrid Henschel.....1210 Kings Highway, Brooklyn, N. Y.
Robert C. Heron.....Governors Island
Francis J. Hickey.....1068 E. 2d St., Brooklyn, N. Y.
Frank C. Holmes.....165 Jewett Ave., Bridgeport, Conn.
William Hornow.....210 E. 53d St., New York City
Joseph Hurley.....43 Fife St., Forest Hills, L. I.
Herman W. Hutman.....400 Cornelia St., Brooklyn, N. Y.
Thomas J. Hyland.....416 Jersey St., Harrison, N. J.
Max Idashkin.....3409 14th Ave., Brooklyn, N. Y.
Alfred Legrand Jackson.....6 Fenwick St., East Norwalk, Conn.
Carroll L. Johnson.....Spring Valley, N. Y.
Henry Matter Julius.....278 Davis Ave., West Brighton, S. I., N. Y.
Ernest Kazmar.....49 Bleeker St., Newark, N. J.
Abraham I. Kirschenbaum.....635 Essex St., Brooklyn, N. Y.
Leo R. Knapp.....446 Jefferson Ave., Elizabeth, N. J.
Joseph Lee.....8812 132d St., Richmond Hill, N. Y.
Sydney P. Levene.....673 Beck St., Bronx, N. Y.
Henry Levinson.....625 Greenwood Ave., Brooklyn, N. Y.
Harold Lewin.....53 Himrod St., Brooklyn, N. Y.
Raymond B. Lewthwaite.....49 Grove Ave., Maywood, N. J.
Kenneth M. Loomis.....15 Whaler Ave., Ossining, N. Y.
Jacob Lowenkron.....296 Brook Ave., Bronx, N. Y.
Abraham Lubkin.....34 Clara St., Brooklyn, N. Y.
Donald MacKechnie.....46 E. 36th St., Bayonne, N. J.
Angelo A. Mainero.....47 High St., Rye, N. J.
Alfred McGregor.....Tulip Ave., Franklin Sq., L. I.
Arthur Meehan.....327 Palisade Ave., Union City, N. J.
Frederick T. Mertens.....66 Grove St., Passaic, N. J.
Thomas E. Mignone.....213 McBridge Ave., Paterson, N. J.
Mauro F. Miguel.....81 Johnson St., Brooklyn, N. Y.
Fred A. Miller.....237 Ferry St., Newark, N. J.
Charles A. Millwater.....67 Oakland Ave., Jersey City, N. J.
Charles J. Morrello.....303 E. 46th St., New York City
O. William Muller.....673 E. 176th St., New York City
Edward F. Murray.....247 W. 15th St., New York City
Charles H. Niles.....87 Smith St., Freeport, N. Y.
Richard C. Oldfield.....229 Central Ave., Hasbrouck Hts., N. J.
Herman E. Ororan.....1626 E. 3d St., Brooklyn, N. Y.
Stephen Palasinski.....170 Norman St., Newark, N. J.
Thomas P. Paledes.....405 W. 48th St., New York City
Abraham Pressman.....1934 71st St., Brooklyn, N. Y.
John Kenneth Peters.....29 N. Madison Ave., Spring Valley, N. Y.
Donald K. Pollard.....Wyckoff Rd., Midland Park, N. J.
Leo Powers.....Fifth Ave., Brentwood, L. I., N. Y.
Michael Powsner.....2125 E. 5th St., Brooklyn, N. Y.
William Henry Richards.....514 N. Division St., Peekskill, N. Y.
Walter F. Rodley.....380 Bergenline Ave., Union City, N. J.
William H. Rogers.....124 E. 24th St., New York City
Charles Rohr.....271 Olmstead Place, Glendale, L. I.
Anthony J. Rudgers.....213 Berry St., Brooklyn, N. Y.
Carmine Pellegrino Ruocco.....355 Gray St., Orange, N. J.
Morris Salit.....109 Farmer's Blvd., Hollis, L. I.

Emanuel A. Salma.....347 E. 92d St., New York City
Harold A. Sauer.....447 Wilde Ave., Staten Island, N. Y.
Wallace Richard Schaub.....27 Grant St., Yonkers, N. Y.
Eugene F. Schmidt.....P. O. Box 734, South Plainfield, N. J.
Arthur Schweizer.....77 Highland Park, Yonkers, N. Y.
William H. Shapiro.....142 Main St., Tarrytown, N. Y.
William E. Shorter.....304 W. 148th St., New York City
George Stanley Siekielski.....145 Wilson St., Boonton, N. J.
Samuel Silverman.....2757 Sedgwich Ave., New York City
Walter W. Smith.....53 5th Ave., Bay Shore, L. I., N. Y.
Rudolf Dorken Stapfer.....155 E. 18th St., Paterson, N. J.
George W. Stark.....2417 Frisby Ave., New York City
Louis Steinberg.....121 E. Houston St., New York City
Jay G. Stewart.....119 N. Main St., Freeport, N. Y.
Adolf W. Stilez.....1419 Myrtle Ave., Brooklyn, N. Y.
Howard Tallman.....Broadway and Orchard St., Hillsdale, N. J.
Eugene Francis Taylor.....1840 Belmont Ave., Bronx, N. Y.
Robert B. Taylor.....860 Orchard St., Peekskill, N. Y.
Daniel T. Teagle.....3212 108th St., Corona, N. Y.
Edward Trappani.....235 Howe Ave., Passaic, N. J.
James C. Walsh.....25 Cambridge Pl., Brooklyn, N. Y.
George W. Wardwell.....11 Garner St., South Norwa k, Conn.
Alexander Weiss.....330 E. 80th St., New York City
Caleb J. Westergard.....978 Arlington Ave., Plainfield, N. J.
Frank Chester Whittaker.....122 W. 131st St., New York City
Walter Ralph Williams.....South Plainfield, N. J.
Donald B. Wilson.....211 W. 107th St., New York City
Philip Woskoff.....1116 54th St., Brooklyn, N. Y.
Herman Yagada.....17 Barrett St., Brooklyn, N. Y.
Lewis W. Ziegler.....268 Hempsten Ave., Rockville Center, N. Y.

Architecture, 1926

Chas. E. Arthus.....105 Roosevelt Ave., Corona, L. I.
Irvin A. Begun.....40½ St. Marks Pl., New York City
Edward A. Bicks.....12 Brenner St., Newark, N. J.
Sol. Brandt.....347 Cypress Ave., Bronx, N. Y.
Arthur Brown.....474 Third Ave., New York City
Anthony J. Bruno.....8 Dewey St., Elmhurst, L. I.
F. N. Cantamessner.....318 E. 58th St., New York City
Richard T. Carroll.....225 Greene Ave., Brooklyn, N. Y.
Raymond Davila.....6 East 112th St., New York City
John Donnelly.....85 S. 9th St., Brooklyn, N. Y.
John Driscoll.....177 Orient St., Bayonne, N. J.
James J. Finnerty.....109 West 62d St., New York City
Sam Fisher.....108 Monroe St., New York City
John L. Fortanas.....556 Eagle Ave., Bronx, N. Y.
Christopher Fox.....22 West 4th St., Bayonne, N. J.
Sam Freedman.....186 Barclay St., Newark, N. J.
Hyman Gittleman.....116 Second Ave., New York City
Jos. J. Kovacsevics.....96 Derly St., Valley Stream, L. I.
Maurice Kraut.....14 New St., Jersey City, N. J.
Sigmund Leder.....1187 Second Ave., New York City
Joshua T. Loizeaux.....814 Leland Ave., Plainfield, N. J.
Frank Lombritto.....404 Valley St., Orange, N. J.
Chas. R. Lotarius.....243 E. 60th St., New York City
William A. Maack.....579 74th St., Brooklyn, N. Y.
Wm. M. McKinley.....1195 23rd St., Flushing, L. I.
Arthur Moskowitz.....252 East 77th St., New York City
Alphonsus L. O'Brien.....142 Second Ave., Newark, N. J.
Alfred E. Pfeufer.....211 West 117th St., New York City
Benjamin Reiner.....778 Prospect Ave., Bronx, N. Y.
Frederick Saadi.....879 71st St., Brooklyn, N. Y.
Henry Schneider.....374 Riverdale Ave., Yonkers, N. Y.

Albert Sigler	537 East 134th St., Bronx, N. Y.
Barney D. Singer	778 Boulevard, Bayonne, N. J.
Harry Sorensen	198 Woodbridge Ave., Metuchen, N. J.
Raymond Suarez	620 Gravesend Ave., Brooklyn, N. Y.
John Tinkler	15 Orchard St., Passaic, N. J.
Michael Trongone	2432 Fish Ave., Bronx, N. Y.
John J. Van Heest	33 Hillman St., Clifton, N. J.
Peter F. Van Heest	58 Howe Ave., Passaic, N. J.
Frank Wise	3319 E. Tremont Ave., Bronx, N. Y.
Edward L. Wood	Englewood Sliffs, N. J.

Architecture, 1927

Constable E. Agresta	64 Maiden Lane, Maspeth, L. I.
Frank H. Arcara	Candit St., Harrison, N. J.
Robert. H. Becker	258 Clinton Ave., New Rochelle
Thaddeus G. Berger	1083 Manhattan Ave., Brooklyn, N. Y.
Joseph A. Bergin	114 Webster Ave., New Rochelle
Harry Black	863 8th Ave., New York City
Amerigo Borgla	4664 Sprague St., Glendale, L. I.
Geo. P. Brehm	89 Hutton St., Jersey City, N. J.
Nat. H. Bromberg	442 Bedford Ave., Brooklyn, N. Y.
Vincent J. Buchner	27 Junction Ave., Elmhurst, L. I.
Fred Buess	1789 First Ave., New York City
Lauren M. Burgess	Hilltop Rd., Mahwah, N. J.
Daniel P. Conti	52 Gaston Ave., Garfield, N. J.
Joseph A. Doub	235 Hart St., Brooklyn, N. Y.
Arthur P. Deimel	266 E. 198th St., New York City
Badia J. Della	71 Woodside Park, New Rochelle, N. Y.
Frank A. De Santis	455 Hudson St., New Pork City
Dominic D. Santo	643 East 183rd St., New York City
Joseph A. De Teresa	312 St. Mary's Ave., Rosebank, S. I.
T. A. Dunst	317 East 49th St., New York City
Josepha D. Fato	726 Ave. P, Brooklyn, N. Y.
Edwin J. Felten	416 Grand Ave., Long Island City, N. Y.
Albert F. Fink	Lawn Ave., Elmsford, N. Y.
Norman Feitner	381 First Ave., New York City
Frank Foertsch	389 Third Ave., Astoria, L. I.
Edward Fioretta	554 E. Fordham Rd., New York City
Wm. J. Fitzgerald	2655 Bainbridge Ave., New York City
Salvatore Flaccomio	56 E. Jackson Ave., Corona, L. I.
Kenneth B. Geertsema	126 Flushing Ave., Jamaica, L. I.
Jacob P. Goldberg	3014 E. 7th St., Brighton Beach
Joseph A. Grenier	2543 McIntosh St., Corona, L. I.
Paul Hafemann	4065 Boulevard, N. Bergen, N. J.
Rudolph E. Hadzima	17 Portland Ave., Clifton, N. J.
Gustave F. Hee	1588 Kenmore Pl., Brooklyn, N. Y.
Robert Hille	8540 96th St., Woodhaven, L. I.
Albert Hirshman	2254 64th St., Brooklyn, N. Y.
Arthur S. Hoch	2272 82nd St., Brooklyn, N. Y.
Cecil Holden	30 Brighton St., Tottenville, S. I.
Murray A. Klein	203 Wallabout St., Brooklyn, N. Y.
Julius F. Koch	76 Manhattan Ave., Jersey City, N. J.
Harry Kreikenbaum	1295 Richmond Rd., Staten Island, N. Y.
Anthony C. Lefante	33 Havemeyer St., Brooklyn, N. Y.
Vasco Martelli	423 West 35th St., New York City
Wm. C. Martin	421 West 125th St., New York City
Jas. W. McCabe	509 West 41st St., New York City
Thos. F. Moore	1127 Summit Ave., Jersey City, N. J.
Irving H. Passell	1323 Intervale Ave., New York City
Arvid Pearson	163 Jennings St., Elmhurst, L. I.
Conrad J. Penk	218 Columbia Ave., Passaic, N. J.
Lawrence Posthumus	101 Grant St., Passaic, N. J.
Salvatore Pugliese	94 Stagg St., Brooklyn, N. Y.

Raymond Rochlin	909 E. 178th St., Bronx, N. Y.
Norton B. Rodman	359 Chestnut St., Nutley, N. J.
Carl F. Rumpf	112 Clove Rd., New Rochelle, N. Y.
Walter M. Sibila	960 Grand Concourse, Bronx, N. Y.
Arthur Siglar	537 East 134th St., New York City
Joseph Stienberg	935 Blake Ave., Brooklyn, N. Y.
Louis Sugarman	131 Blake Ave., Brooklyn, N. Y.
Joseph F. Suozzi	1030 E. 215th St., Bronx, N. Y.
Geo. P. Thompson	441 68th St., Brooklyn, N. Y.
Edward M. Webber	217 First St., Jersey City, N. J.

Architecture, 1928

Alfred Abrahamsen	98 Zabriskie St., Jersey City, N. J.
LeRoy C. Becker	133 East 238th St., Bronx, N. Y.
Peter Blitstein	1260 42rd St., Brooklyn, N. Y.
Herbert Boege	38 West Fillmore Ave., Corona, L. I.
Ludwig Bose	1239 Franklin Ave., Bronx, N. Y.
Max Bronstein	1533 Vyse Ave., Bronx, N. Y.
C. H. Byatt	167 Park Ave., Town of Union, N. J.
Joseph Celuch	86 East 2nd St., New York City
Bruno J. Cerutti	545 East 148th St., New York City
G. K. Christian	9 Lincoln Ave., Rutherford, N. J.
Arthur Creighton	428 East 16th St., New York City
Erich Coebler	White House Station, N. J.
James Daley	Rutherford, N. J.
Robt. E. Dawson	317 Prospect St., Westfield, N. J.
Meyer Elkind	42 East 98th St., New York City
John A. Else	36 Vista Ave., Staten Island, N. Y.
Chas. E. Fetscher	8625 108th St., Richmond Hill, N. Y.
Egbert Freund	1454 Grand Concourse, Bronx, N. Y.
Louis T. Fortuna	1505 Ave. A, New York City
Isidor Frankel	422 East 81st St., New York City
Nathan S. Haberman	1472 Wilkins Ave., Bronx, N. Y.
Geo. Hamill	24 Chestnut St., Flushing, L. I.
Benj. Hargreaves	West Palisade Ave., Englewood, N. J.
Christian Hartwigsen	67 Irving St., Jersey City, N. J.
Herbert E. Heil	176 Grove St., Somerville, N. J.
William Hendess	3590 Boulevard, Jersey City, N. J.
Kenneth W. Houck	Barton Place, Portchester, N. Y.
Maxwell W. Janowitz	16 East 106th St., New York City
Max Joseph	95 Hart St., Brooklyn, N. Y.
John Kamford	Brooklyn Ave., West Hempstead, L. I.
Edgar Kelsey	51 Wyandotte Ave., Dumont, N. J.
Edward Kemp	E. Rutherford, N. J.
Pierre J. Keulemans	6741 Third Ave., Brooklyn, N. Y.
Philip K. Kingston	49 Birch St., Mt. Vernon, N. Y.
Kalman Klein	42 146th St., Jamaica, L. I.
Wm. H. Koppe	409 Washington St., Hoboken, N. J.
Hyman Kraft	73 Second Ave., New York City
Jacob Krakow	458 East 186th St., Bronx, N. Y.
Harry B. Kromberg	Whitestone Rd. & Linn St., Flushing
Harold Lang	454 E. 138th St., New York City
Samuel Loeb	1975 Creston Ave., Bronx, N. Y.
William Lukacs	414 Broadway, Astoria, L. I.
T. G. McLaughlin	349 Armstrong Ave., Jersey City, N. J.
W. A. McNaught	1192 Walton Ave., Bronx, N. Y.
Arthur Martin	73-13 162nd St., Flushing, L. I.
Moses Mendelson	93 Penn St., Brooklyn, N. Y.
C. F. Minch	952 1st Ave., New York City
Walter Mittleman	318 Sutter Ave., Brooklyn, N. Y.
John Moore	Skillman Ave., Woodside, L. I.
Nicholas S. Mogavero	44 Henry St., New York City
John S. Morgan, Jr.	2879 Waterbury Ave., Bronx, N. Y.

Julius Nagler ..... 587 East 139th St., New York City
Elias Nadelman ..... 949 Faile St., Bronx, N. Y.
Geo. S. Napoli ..... 237 27th St., Brooklyn, N. Y.
E. O'Toole ..... 20 Orange Ct., Brighton Beach, N. Y.
Alfred H. Ott ..... 506 Jefferson St., Carlstadt, N. J.
William C. Phillips ..... 562 McDonough St., Brooklyn, N. Y.
Geo. Pierce ..... 365 Union St., Jersey City, N. J.
Stanley J. Richter ..... 107 Conselyea St., Brooklyn, N. Y.
Chas. S. Risavy ..... 521 38th St., Union City, N. J.
Howard F. Robertson ..... 382 East 8th St., Brooklyn, N. Y.
Louis Rosenblatt ..... 201 Allen St., New York City
Charles C. Scheil ..... 19 Nelson Ave., Jersey City, N. J.
Percy S. Simon ..... 1329 Clinton Ave., Bronx, N. Y.
Julius Singer ..... 609 East 170th St., Bronx, N. Y.
Morse Sircus ..... 482 Bedford Ave., Brooklyn, N. Y.
Maurice C. Sisk ..... 139 Glenwood Ave., Jersey City, N. J.
George Snyder ..... 306 East 92nd St., New York City
Henry Strothkamp ..... Bradford St., Harrison, N. Y.
Julius Tauss ..... 1350 Fulton Ave., Bronx, N. Y.
Arthur Thiel ..... 438 Fulton St., Elizabeth, N. J.
Douglas Thomson ..... 924 Linden Ave., Morsemere, N. J.
Harry Tiegel ..... 983 E. Tremont Ave., Bronx, N. Y.
Edw. A. Virano ..... 171 East 117th St., New York City
Alexander Ward ..... Tenafly Rd., Englewood, N. J.
Carl V. Walker ..... 78 12th Ave., Long Island City, N. Y.
Jan Zeeuw ..... 583 Morgan Ave., Brooklyn, N. Y.

Architecture, 1929

Charles H. Adelman ..... 11516 107th Ave., Richmond Hill, L. I.
Louis Adler ..... 11516 107th Ave., Richmond Hill, L. I.
Andrew M. Anderson ..... 198 Lexington Ave., Jersey City, N. J.
Rudolph Aronson ..... 725 Snediker Ave., Brooklyn, N. Y.
Irving W. Ast ..... 1486 Bryant Ave., Bronx, N. Y.
George W. Beard ..... 7 Southard St., Paterson, N. J.
Jack Blitz ..... 60 E. 103d St., New York City
Max Bloom ..... 2790 Fulton St., Brooklyn, N. Y.
Richard Bower ..... 19 Glen Place, New Rochelle, N. Y.
Frederick Buchsbaum, Jr. ..... 779 E. 179th St., Bronx, N. Y.
George Camaropoulus ..... 35 N. 170th St., Flushing, L. I.
Joseph J. Coolahan ..... 129 Bright St., Jersey City, N. J.
Eugene J. Crosson ..... 148 Summit Ave., Jersey City, L. I.
Joel H. Cullen ..... 913 50th St., Brooklyn, N. Y.
John Dearie ..... 129-B Edgewater Camp, Throggs Neck, Bronx
Charles L. Dellon ..... 275 W. 140th St., Bronx, N. Y.
Salvatore F. DeTeresa ..... 312 St. Mary's Ave., Rosebank, S. I.
Charles P. Dietz ..... 41 Linden St., Maspeth, L. I.
James P. Dolan ..... 229 8th St., Jersey City, N. J.
Paul Dreruh ..... 54 Kendig Pl., Hempstead, N. Y.
Forbes E. Duguid ..... 167 Linden Blvd., Brooklyn, N. Y.
Samuel S. Dulberg ..... 209 E. 19th St., New York City
Charles M. Eslinger ..... 125 Parker Ave., Passaic, N. J.
Alex. H. Fabricant ..... 784 Coney Island Ave., Brooklyn, N. Y.
Albert Fausak ..... 104 Mercer St., Jersey City, N. J.
Charles Folcke ..... 9 Hudson Place, Weehawken, N. J.
Anthony Forte ..... 2549 Golden Ave., New York City
William J. Frank ..... 283 Onderdonk Ave., Brooklyn, N. Y.
Milton Frankel ..... 2400 Valentine Ave., Bronx, N. Y.
Norman H. Free ..... 617 76th St., Brooklyn, N. Y.
Irving Friedland ..... 213 Rodney St., Brooklyn, N. Y.
Frederick A. Geibelt ..... 522 Liberty Ave., Jersey City, N. J.
Henry Gellman ..... 327 Fulton St., Union City, N. J.
Nat. Ginsberg ..... 4332 Gunther Ave., Bronx, N. Y.
Milton Goldsmith ..... 870 E. 162d St., Bronx, N. Y.

William F. Gotham ..... 58 W. 85th St., New York City
Jack Greenberg ..... 1230 Ward Ave., Bronx, N. Y.
Isidore S. Grossman ..... 200 E. 102d St., New York City
William Grossman ..... 124 Goerck St., New York City
W. Hatch ..... 335 E. 236th St., Bronx, N. Y.
Sidney J. Helene ..... 2240 Amsterdam Ave., New York City
Julius Josefsberg ..... 208 Bay 22d St., Brooklyn, N. Y.
Miss Emily A. Kessler ..... 63 E. 59th St., New York City
Andrew J. Kuczma ..... 278 Ave. B, New York City
Burnet R. Kuret ..... 40 Hylan Boulevard, Rosebank, S. I.
Victor P. Lange ..... 425 E. 153d St., New York City
Peter L. Placa ..... 1859 W. 8th St., Brooklyn, N. Y.
Albert J. Leguori ..... 931 Kent Ave., Brooklyn, N. Y.
Morris Leibowitz ..... 110 Delancey St., New York City
William G. Lenzi ..... 211 W. 10th St., New York City
Edwin D. Le Roy ..... 37 W. 53d St., New York City
S. B. Levy ..... 63 Cleveland St., Brooklyn, N. Y.
Harry Linker ..... 450 E. 171st St., Bronx, N. Y.
Max Lipka ..... 306 Hendrix St., Brooklyn, N. Y.
George R. Lischus ..... 34 Anderson Ave., Scarsdale, N. Y.
Stanley C. Luar ..... 679 E. 179th St., Bronx, N. Y.
George F. McGibney ..... 162 E. 84th St., New York City
Virgie L. Miles ..... 41 Orient Ave., Jersey City, N. Y.
Arthur D. Miller ..... 171 Hewes St., Brooklyn, N. Y.
Frank A. Muller ..... Sylvan Ave. and 3rd St., Clifton, N. J.
Max Nevins ..... 819 East 166th St., Bronx, N. Y.
Louis Newman ..... 746 Jefferson Ave., Bdooklyn, N. Y.
Robert S. O'Rourke ..... 235 East 87th St., New York City
Frederick C. Ott ..... 769 East 158 th St., Bronx, N. Y.
Joseph J. Pankeech ..... 493 East 138th St., New York City
Salvatore Pappalardo ..... 1927 Dean St., Brooklyn, N. Y.
Benjamin Passel ..... 1327 Intervale Ave., Bronx, N. Y.
Cesare Poletto ..... 386 Academy St., Long Island City, N. Y.
Pailip E. Polo ..... 863 Grene Ave., Brooklyn, N. Y.
Morris Rappaport ..... 631 Jefferson Place, Bronx, N. Y.
Max Resnikoff ..... 147 Witchell Ave., Flushing, L. I.
Harry H. Robbins ..... 1361 Brook Ave., Bronx, N. Y.
Jacob Rosen ..... 26 Ave. B., New York City
Char.es F. Schillinger ..... 364 East 162nd St., New York City
Christopher Short ..... 121 114th Ave., Richmond Hill
Robert C. Slevin ..... 55 Seabury St., Elmhurst, L. I.
Albert H. Smith ..... 80 Maple St., Yonkers, N. Y.
Leo Stroppiana ..... 1409 73rd St., Brooklyn, N. Y.
Emerick J. Szego ..... 325 West 45th St., New York City
Harry J. Warner ..... 2525 Aqueduct Ave., Bronx, N. Y.
William H. Watson ..... Plymouth Ave., Colonial Heights, Yonkers
Fred W. Wiedle ..... 398 Ralph St., Brooklyn, N. Y.
William H. Wurhman ..... 3743 89th St., Elmhurst, L. I.

Life Class of 1926

Henry Allman ..... 2136 64th St., Brooklyn, N. Y.
Samuel Becker ..... 156 Cook St., Brooklyn, N. Y.
Joseph Bertani ..... 300 E. 42nd St., New York City
William J. Brand ..... 444 West 35th St., New York City
Joseph Calabro ..... 129 E. 104th St., New York City
George Capobianco ..... 334 Wolcott Ave., Astoria, L. I.
Frank A. Caso ..... 2347 East 2nd St., Brooklyn, N. Y.
Frank L. Cecelin ..... 235 East 79th St., New York City
Patrick Civale ..... 119 Baxter St., New York City
Alexander D. Cooper ..... 179 South 2nd St., Brooklyn, N. Y.
Peter C. Dinella ..... 4½ Horatio St., New York City
Joseph Doctor ..... 256 Rivington St., New York City
Augustus Epifania ..... 198 Prince St., New York City
John E. Fansel ..... 313 East 46th St., New York City
David Glickman ..... 712 Fox St., Bronx, N. Y.

Joseph Goldstein.....176 Pennsylvania Ave., Brooklyn, N. Y.
Frederick Halpert.....1026 55th St., Brooklyn, N. Y.
Joseph G. Haura.....506 East 81st St., New York City
Clayton Hoagland.....71 Westshore Ave., Dumont, N. J.
Harry Holloway.....62 Bishop St., New Dorp, S. I.
Irving Jacobs.....138 Croton Ave., Bronx, N. Y.
Jesse Jacobs.....101 Jefferson St., Hoboken, N. J.
Arthur A. Jacobson.....1556 76th St., Brooklyn, N. Y.
Emanuel A. Kraut.....183 Green St., Brooklyn, N. Y.
Hyman J. Lieber.....91 Willett St., New York City
George Lifshultz.....827 Kelly Street, New York City
Joseph V. Lombardo.....164 West Houston St., New York City
Cecil Maggi.....148 Waverly Place, New York City
Sidney Marcus.....145 Bergin Street, Brooklyn, N. Y.
Frank Martines.....323 East 19th St., New York City
Nicholas R. Mauro.....1974 Webster Ave., Bronx, N. Y.
Michael McDonough.....317 East 46th St., New York City
Rocco Petrocelli.....1517 71st St., Brooklyn, N. Y.
William Pilelsky.....258 Grand St., Brooklyn, N. Y.
Meyer Quintmann.....40 Essex St., New York City
Louis Rosen.....360 East 49th St., Brooklyn, N. Y.
Andrew Ristuccio.....1946 West 6th St., Brooklyn, N. Y.
Louis Rizzuto.....10722 75th St., Ozone Park, L. I.
Edward N. Schick.....5 Howard St., Larchmont, N. Y.
Gustav Scheffel.....30 Mahar Ave., Clifton, N. J.
Alec. Stone.....2101 73rd St., Brooklyn, N. Y.
Carmello Tantillo.....237 East 11th St., New York City
William M. Vosteen.....215 Garden St., Hoboken, N. J.
Saul Weil.....3297 3rd Ave., Bronx, N. Y.
Elwood Whitney.....4179 103rd Ave., Ozone Park, L. I.
Frank Wiener.....32 East Polk Ave., Corona, L. I.
Louis Silverstein.....1661 Pitkin Ave., Brooklyn, N. Y.

Antique Class of 1927

Wm. Adrian Angeletti.....3829 Harper Ave., Bronx, N. Y.
I. Armstrong.....272 Manhattan Ave., Brooklyn, N. Y.
Irving Mazze.....1027 Tiffany St., Bronx, N. Y.
A. H. Matti.....74 Hamilton Ave., Paterson, N. J.
Nathan Arnevitz.....128 Cortelyou Road, Brooklyn, N. Y.
Louis Aulicine.....2349 Howland St., Astoria, N. Y.
Marcelle Beltran.....143 Pearl St., Brooklyn, N. Y.
Louis Beisch.....Guttenberg, N. J.
George Bennet.....3290 Hudson Blvd., N. J.
Irving Berenfeld.....2522 Mermaid Ave., Brooklyn, N. Y.
John Bishop.....328 East 180 St., New York City
H. Borst.....519 West 141st St., New York City
Murray Chorost.....2117 73rd St., Brooklyn, N. Y.
Joseph Crisera.....1883 Southern Blvd., New York City
Andrew Clemente.....605 Jefferson St., Hoboken, N. J.
Thomas Culmone.....69 Maujer St., New York City
Christy Caminiti.....37 Douglas St., Brooklyn, N. Y.
Remo De Carolis.....4031 Lowerre Place, Bronx, N. Y.
Francisco D'Asaro.....1678 80th St., Brooklyn, N. Y.
Meyer Davidson.....251 Clinton Ave., Hoboken, N. J., West
Luke Donofree.....6 Charles St., New York City
James Earle, Jr.....Rochelle Park, N. J.
Joseph Epstein.....1840 7th Ave., New York City
Joe Gelsomine.....342 East 114th St., New York City
Milton Glickman.....343 Grand St., Brooklyn, N. Y.
Peter Grazeola.....187 9th St., Jersey City, N. J.
Morris Gatti.....107 Christopher St., New York City
Lawrence Hansen.....221 Anderson Ave., Grantwood, N. J.
George Harlow.....201 Pat Turnpike, No. Bergen, N. J.

Max Harrison.....329 East 101st St., New York City
Thomas E. Kelly.....428 West 57th St., New York City
Robert Grugly.....1005 East 174th St., New York City
Alex Kreisler.....4803 15th Ave., Brooklyn, N. Y.
Theodore Lauricella.....1459 East 57th St., Brooklyn, N. Y.
William Lengyel.....126 Suydan St., Brooklyn, N. Y.
Peter McQuade.....2676 Decatur Ave., New York City
Philip Michelson.....28 Dow Ave., Brooklyn, N. Y.
Edwin Masterson.....42 105th St., Corona, L. I.
Pascqule Memoli.....505 East 135th St., Bronx, N. Y.
Salvatore Miravella.....1963 Third Ave., N. Y.
James Ramos.....147 North 9th St., Brooklyn, N. Y.
Max Shapiro.....701 Crotona Park Bronx, N. Y.
Harold Thompson.....81 Marcy Ave., E. Orange, N. J.
Francisco Vega.....94 Washington St., Brooklyn, N. Y.
Anthony Vecchione.....534 Lormier St., Brooklyn, N. Y.
George Whitlock.....805 Turney St., Brooklyn, N. Y.

Antique Class of 1928

E. Arbesuk.....540 E. 117th St., New York City.
H. Berger.....Holis, L. I.
A. Carbe.....263 Power St., Brooklyn N. Y.
C. Caprano.....1810 George St., Queens, N. Y.
J. Calabro.....93 Utica Ave., Brooklyn, N. Y.
W. Dennis.....Coyteville, N. Y.
F. Diefenbach.....45 Bonn Pl., Weehawken, N. J.
J. Goldstein.....Seabury Pl., Bronx, N. Y.
L. Harris.....223 Eastern Parkway, Brooklyn, N. Y.
G. Kersanez.....541 E. 135th St., New York City
M. Lechner.....1558 Milford Pl., Bronx, N. Y.
D. Piano.....424 E. 141st St., New York City
L. Rosen.....212 Sutter Ave., Brooklyn, N. Y.
H. Ruggiano.....2045 Southern Blvd., New York City
L. Reisenbichler.....500 E. 162d St. New York City
R. Ryan.....10118 118th St., Richmond Hill, L. I.
M. Scheiner.....132 E. 8th St., New York City
T. Scarfi.....229 Union St., Brooklyn
A. Staba.....213 E. 7th St., New York City
E. Themak.....419 E. 167th St., New York City
S. Weinrich

Antique Class of 1929

J. Anemone.....130 Cedar Ave., Hawthorne, N. J.
I. Apfelbaum.....818 Fox St., New York City
O. Barazotta.....1440 Zerega Ave., Bronx, N. Y.
J. Beaumont.....14 St. Andrew's Pl., Brooklyn, N. Y.
P. Boezor.....1236 Webster Ave., Bronx, N. Y.
P. Brander.....426 Westminster Rd., Brooklyn, N. Y.
L. Breslau.....361 New Lots Ave., Brooklyn, N. Y.
M. Brooks.....827 Home St., Bronx, N. Y.
F. Buena.....4079 Jerome Ave., Ozone Park, N. Y.
A. Byer.....70 E. 114th St., N. Y.
P. Calabro.....1642 Park Ave., N. Y.
H. Carrol.....153 E. 48th St., New York City
A. Casi.....55 Shore Rd., Brooklyn, N. Y.
W. Chelmowitz.....1417 44th St., Brooklyn, N. Y.
C. Cohen.....300 S. 1st Ave., Brooklyn, N. Y.
H. Cohen.....2352 54th St., Brooklyn, N. Y.
L. Deher.....226 E. 22d St., New York City
A. De Vita.....145 George St., Brooklyn, N. Y.
L. De Wette.....318 W. 57th St., New York City
J. Dorsick.....19 Eldridge St., New York City

S. Eichel ..... 79th St., Nicholas Pl., New York City
H. Feldmen ..... 720 E. 27th St., New York City
A. Flexer ..... 379 Georgia Ave., Brooklyn, N. Y.
J. Fowsky ..... 1612 Poploa St., Westchester, N. Y.
K. Fredrick ..... 202 Claremont Ave., Jersey City, N. J.
F. Giannandria ..... 98 Clifton Ave., Rosebank, S. I.
W. Gitzler ..... 826 Caldwell Ave., Bronx, N. Y.
C. Glotzer ..... 81 Chrystie St., New York City
S. Gold ..... 647 E. 11th St., New York City
A. Goldmacher ..... 1765 Bathgate Ave., Bronx, N. Y.
M. Grandinetti ..... 6314 15th Ave., Brooklyn, N. Y.
L. Green ..... 121 E. 158th St., New York City
L. Gross ..... 924 Avenue St. Johns, Bronx, N. Y.
L. M. Hayes ..... 2094 Creston St., Bronx, N. Y.
M. Herman ..... 1004 Eastern Parkway, Brooklyn, N. Y.
S. Herman ..... 1408 Sterling Pl., Brooklyn, N. Y.
H. Heysuck ..... 805 New Jersey Ave., Bronx, N. Y.
W. Hilgreen ..... 13108 95th Ave., Richmond Hill, N. Y.
E. Hill ..... 218 W. 64th St., New York City
C. Hinninger ..... 258 8th Ave., Astoria, L. I.
W. Hovnan ..... 3850 Park Ave., Bronx, N. Y.
J. Kaleda ..... 9 Anslie St., Brooklyn, N. Y.
A. Kavageosian ..... 4234 Hudson Blvd., Union City, N. J.
R. Knapp ..... 142 28th St., Woodcliff, N. J.
O. Kowtz ..... 445 Bristol St., Brooklyn, N. Y.
W. Kurtyman ..... 539 Greene Ave., Brooklyn, N. Y.
W. Langer ..... 423 Gregory Ave., Weehawken, N. J.
H. Lathridge ..... 248 Park Pl., Brooklyn, N. Y.
J. Levine ..... 211 Madison Ave., New York City
C. Lewlor ..... 194 Margaret St., Richmond, S. .I
A. Marcus ..... 2307 Avenue West, Brooklyn, N. Y.
B. Matetsky ..... 471 Powell St., Brooklyn, N. Y.
S. Maurer ..... 1423 Teller Ave., Bronx, N. Y.
J. McGuire ..... 78 Irving Pl., New York City
S. Michlitsch ..... 265 Stagg St., Brooklyn, N. Y.
B. Montgomery ..... Sea View Ave., S. I.
T. Mutone ..... 170 Eckford St., Brooklyn, N. Y.
I. Nelson ..... 232 Third St., Jersey City, N. J.
F. Nuzzio ..... 685 Newark Ave., Jersey City, N. J.
J. O'Connell ..... 154 West 5th St., Bayonne, N. J.
J. Ornstein ..... 31 Moore St., Brooklyn, N. Y.
J. Pakula ..... 910 Whitlock Ave., Bronx, N. Y.
J. Palmero ..... 919 Crescent St., Brooklyn, N. Y.
W. Perles ..... 168 Malta St., Brooklyn, N. Y.
H. Peterson ..... 302 Fourteenth St., Astoria, L. I.
B. Phillips ..... 768 Coney Island Ave., Brooklyn, N. Y.
J. Pipa ..... 352 East 65th St., New York City
M. Polishozuk ..... Babylon, L. I.
A. Puntelli ..... 19 44th St., Corona, L. I.
P. Qiezkowski ..... 195 23rd St., Brooklyn, N. Y.
M. Rauschwald ..... 267 Floyd St., Brooklyn, N. Y.
M. Riback ..... 4 East 112th St., New York City
J. Ripman ..... 945 Tiffany St., Bronx, N. Y.
J. Robinson ..... 830 Kelly St., Bronx, N. Y.
B. Rockovisky ..... 1935 79th St., Brooklyn, N. Y.
B. Rodziako ..... 1776 Madison Ave., New York City
T. Rosengrave ..... 111 East 120th St., New York City
I. Roth ..... 17 East 118th St., New York City
P. Santanglo ..... 706 Park Ave., Brooklyn, N. Y.
B. Schiek ..... 1025 Boston Rd., Bronx, N. Y.
J. Schmalo ..... 1523 Charlotte St., Bronx, N. Y.
C. Scibelli ..... 55 Bandman Ave., Jamaica, N. Y.
S. Simon ..... 4180 Broadway, New York City
S. Sorians ..... 533 West 147th St., New York City
S. Sterling ..... 55 Varett St., Brooklyn, N. Y.

A. Sudak ..... 513 Stone Ave., Bronxville, N. Y.
A. Sudal ..... 513 Stone Ave., Brooklyn, N. Y.
J. Suerken ..... 4728 Bronx Blvd., New York City
S. Tutunjian ..... 414 7th St., West New York, N. J.
J. Unansky ..... 556 Hopkinson Ave., Brooklyn, N. Y.
F. Vosks ..... 438 6th St., New York City
W. Weck ..... 62 Walnut St., Montclair, N. J.
P. H. Wills ..... 16 West 114th St., New York City
J. Wolf ..... 18 Second St., Dumont, N. J.
J. Zwilbik ..... 1390 Prospect Ave., Bronx, N. Y.

Commercial and Poster Design, 1927

Gerard F. Brill ..... 32 Gautier Ave., Jersey City, N. J.
Harold Brody ..... 51 East 42nd St., New York City
Richard Baldino ..... 19 Highland Pl., West New York, N. J.
Edward J. Brandford ..... 237 West 115th St., New York City
Vivian Bedford ..... 2700 Boulevard, Jersey City, N. J.
James Cullen ..... 628 East 135th St., New York City
F. Culbertson ..... 141 West 15th St., New York City
Raymond Claudy ..... 591 Evergreen Ave., Brooklyn, N. Y.
Viola J. Cushing ..... 45 Westcott St., East Orange, N. J.
Michael Cannella ..... 30 Covert St., Brooklyn, N. Y.
Albert Dillinger ..... 628 Washington St., Hoboken, N. J.
Salvator D'Addario ..... 628 Washington St., Hoboken, N. J.
Adele De Blois ..... 420 Franklin St., Union City, N. J.
Jim Earle ..... Hackensack, N. J.
E. J. Frey ..... Chappaqua, N. Y.
Vivian M. Gordon ..... 2615 Jerome Ave., Bronx, N. Y.
Plinio Granado ..... 1595 Madison Ave., New York City
Katherine Greene ..... 110 Kent St., Brooklyn, N. Y.
Samuel A. Gold ..... 1476 East 11th St., New York City
Madeline Holmes ..... 92 Liberty Pl., Weehawken, N. J.
Eleanor Hill ..... 1142 River Road,———N. J.
Albert Isean ..... 70 East 112th St., New York City
Saul Jacobs ..... 318 East 52nd St., New York City
B. Jahrling ..... 9570 115th St., Richmond Hill, L. I.
Dramin Jones ..... 453 West 152nd St., New York City
Evelyn Kight ..... 35 Charles St., New York City
Theresa Kahles ..... 236 Stanhope St., Brooklyn, N. Y.
Thomas E. Kelley ..... 428 West 57th St., New York City
William C. Kaup ..... 31 Montrose St., Newark, N. Y.
R. Kutzner ..... 19 Hancock Ave., Yonkers, N. Y.
Anita Langhagan ..... 406 Charles St., Union City, N. J.
Alex. Lederer ..... 23-57 6th Ave., Astoria, L. I.
Marguerite Moersdoff ..... 310 Courtland St., Union City, N. J.
Sue Mercker ..... 269 Columbia Ave., Jersey City, N. J.
Beltran Marcelo ..... 143 Pearl St., Brooklyn, N. Y.
Minas Minasian ..... 600 West 138th St., New York City
C. Walter Melchior ..... 72 Sunnyside terrace, Washington, D. C.
William Marcus ..... 160 Essex St., New York City
Albert Navarro ..... 1303 Amsterdam Ave., New York City
Jack Osman ..... 177 Bay 20th St., Brooklyn, N. Y.
Oscar Pracher ..... 2586 Catalpa Ave., Brooklyn, N. Y.
Kenneth Poggenburg ..... 1925 Andrews Ave., Bronx, N. Y.
Carl Price ..... 701 West 178th St., New York City
Cecile Pineless ..... 2367 65th St., Brooklyn, N. Y.
Lois Rebele ..... 242 Ogden Ave., Jersey City, N. J.
Al Raphael ..... 329 East 5th St., New York City
F. Roemer ..... 872 Kinsella St., Bronx, N. Y.
L. Reisenbichler ..... 500 East 162nd St., New York City

Samuel B. Sterling ..... 55 Varet St., Brooklyn, N. Y.
Vincent C. Spadaro ..... 103 East 123rd St., New York City
Sutherland ..... 18 St. Nicholas Pl., New York City
Carlos Sodi ..... 145 West 96th St., New York City
Samuel Sohmer ..... 875 Elsmere Pl., Bronx, N. Y.
Edward Themak ..... 419 East 157th St., New York City
F. G. Timpe ..... 150 Manhattan Ave., New York City
Robert Vople ..... 97 Sullivan St., New York City
A. H. Ward ..... 12 Camp Rd., Ossining, N. Y.
Joseph Walus ..... 1571 Fulton Ave., New York City
Ernest Zurcher ..... 127-11 102nd Rd., Richmond Hill, L. I.

Decorative Design, 1928

George Acker ..... 617 Belden St., Peekskill, N. Y.
Rudolph Anzelova ..... 273 Bleeker St., Brooklyn, N. Y.
Elizabeth Balogh (Miss) ..... 82 Wadsworth Ave., New York City
Charles Barker ..... 838 East 220th St., Bronx, N. Y.
Paul Baum ..... 327 Bedford Ave., Brooklyn, N. Y.
Ester Bernstein (Miss) ..... 67 Grafton St., Brooklyn, N. Y.
Estelle Brenner (Miss) ..... 934 45th St., Brooklyn, N. Y.
Frank Bucherati ..... 233 E. 97th St., New York City
Naomi Burman ..... 1511 Shakespeare Ave., New York City
Ignatius Candiloro ..... 259 Ave. T, Brooklyn, N. Y.
Harry F. Carroll ..... 153 E. 48th St., New York City
Edward Casale ..... 664 18th St., Brooklyn, N. Y.
Amelia Casiraghi (Miss) ..... 199 West 10th St., New York City
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Michael Chiariello ..... 1372 67th St., Brooklyn, N. Y.
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